INDUSTRIAL AUTOMATION
mPm® DIN VALVE CONNECTORS

Conform to industry standard EN 175301-803
(formerly DIN 43650)
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The Molex range of field attachable DIN valve connectors provide unsurpassed sealing properties and increase performance, simplify manufacturing processes, reduce inventory and lower applied costs for hydraulic, pneumatic and electromagnetic devices as well as sensors.
The mPm® range of connectors is used extensively to provide electrical connection in a wide range of applications. The most common application for mPm DIN connectors is in conjunction with pneumatic, hydraulic or electromagnetic devices, including solenoid valves. Other applications include, for example, pressure transducers, proximity switches, level sensors, limit switches and low energy motors. Molex manufactures an extensive and comprehensive range of connectors with standard options including for example LED illuminated devices as well as VDR, diodes or transil diodes (with or without illuminated device) to offer protection against overvoltage peaks. Brad® DIN mPm connectors offer protection from dust and water (IP65 or IP67 on specific request) when correctly installed with screw and gasket which are supplied together with the connector.
IP67 rated DIN valve connectors with improved strain relief. Cable retention force increased by up to 20% over internal nut styles. Enlarged cable range that covers the PG9 and PG11 internal thread connector cable range. Conforms to EN 175301-803.

Specifications

**ELECTRICAL**
- Max. Current: 16.0A
- Contact Resistance:
  - ≤ 15 miliohms max.
- Insulation Resistance:
  - 100 Megohms min.
  - Max. Conductor: 1.50mm² / 16AWG

**MECHANICAL**
- Insertion and Withdrawal Force:
  - 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized CURus marked, file E218123 (product available upon request or specific part number)

**IP67**

**Non Electronic**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>POLES</th>
<th>THREAD</th>
<th>COVER COLOR</th>
<th>GROUND POSITION</th>
<th>SCREW &amp; GASKET</th>
<th>PACKAGING STYLE</th>
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</thead>
<tbody>
<tr>
<td>C28</td>
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**Electrical**

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<th>THREAD</th>
<th>COVER COLOR</th>
<th>GROUND POSITION</th>
<th>SCREW &amp; GASKET</th>
<th>PACKAGING STYLE</th>
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<td>00</td>
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<td>0</td>
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<td>no digit</td>
</tr>
</tbody>
</table>

**Notes:**
- UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C28200W2RSNSA
- Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders

<table>
<thead>
<tr>
<th>Packaging Type</th>
<th>Poles</th>
<th>Circuit</th>
<th>Voltage</th>
<th>LED Color</th>
<th>Engineering No.</th>
<th>Standard Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Bag</td>
<td>Unmounted</td>
<td>2+Ground</td>
<td>NO</td>
<td>NO</td>
<td>C28200NOR</td>
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<td>Bulk Pack</td>
<td>Mounted</td>
<td>NO</td>
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<td>NO</td>
<td>C28200N2RSN</td>
<td>121201-0034</td>
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<tr>
<td>Single Bag</td>
<td>Unmounted</td>
<td>3+Ground</td>
<td>NO</td>
<td>NO</td>
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<td>121201-0002</td>
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<tr>
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<td>NO</td>
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<td>NO</td>
<td>C28300N2RSN</td>
<td>121201-0038</td>
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<td>2+Ground</td>
<td>C4</td>
<td>yellow</td>
<td>S28200TC4H0R</td>
<td>121207-0005</td>
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<tr>
<td>Bulk Pack</td>
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<td>C4</td>
<td>24V AC/DC</td>
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<tr>
<td>Single Bag</td>
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<td>yellow</td>
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<td>Bulk Pack</td>
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IP67 rated DIN valve connector with improved strain relief. Cable retention force increased up to 20% over internal nut style. Enlarged cable range that covers the PG9 and PG11 internal thread connectors cable range.

Specifications

**ELECTRICAL**
- Max. Current: 16.0A
- Contact Resistance: ≤15 milliohms max.
- Insulation Resistance: 100 Megohms min.
- Max. Conductor: 1.50mm² / 16AWG

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**PhysicaL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Solder Tail Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Cable Diameter Range: 4.00-9.00mm
- Live Contact Distance: 11.00mm

**Environmental**
- IP67 Sealing Protection

Non Electronic

```
C22 2 00 N0 R **
```

**SERIES**
- C22 = External Thread Form Industrial

**POLES**
- 2 = 2 Poles + Ground

**THREAD**
- 00 = External Thread

**COVER COLOR**
- N = Black Cover
- G = Gray Cover
- W = V0 Black Cover (only with UL listed connectors)

**GROUND POSITION**
- 0 = Unmounted
- 2 = H12
- 6 = H6

**SCREW & GASKET**
- R = Integrated NBR Gasket & IP67 Screw
- S = Integrated Silicone Gasket & IP67 Screw

**PACKAGING STYLE**
- no digit = Single Bag Unmounted
- SN = Bulk Pack Mounted
- CN = Bulk Pack Unmounted

Electronic

```
S22 2 00 T C4 2 0 R **
```

**SERIES**
- S22 = External Thread Form Industrial

**POLES**
- 2 = 2 Poles + Ground

**THREAD**
- 00 = External Thread

**COVER COLOR**
- N = Black Cover
- G = Gray Cover
- T = Transparent

**CIRCUIT & LED COLOR**
- see page 33

**GROUND POSITION**
- 0 = Unmounted
- 2 = H12
- 6 = H6

**SCREW & GASKET**
- R = Integrated NBR Gasket & IP67 Screw
- S = Integrated Silicone Gasket & IP67 Screw

**PACKAGING STYLE**
- no digit = Single Bag Unmounted
- SN = Bulk Pack Mounted
- CN = Bulk Pack Unmounted

<table>
<thead>
<tr>
<th>Packaging Type</th>
<th>Poles</th>
<th>Circuit</th>
<th>Voltage</th>
<th>LED Color</th>
<th>Engineering No.</th>
<th>Standard Order No.</th>
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</thead>
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<td>Single Bag</td>
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<td>250V AC/300V DC</td>
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<td>250V AC/300V DC</td>
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<td>Unmounted</td>
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<td>24V AC/DC</td>
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<td>24V AC/DC</td>
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<tr>
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<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>S22200TC4M2RSN</td>
<td>1212080243</td>
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</tbody>
</table>

Note: UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C28200W2RSNSA

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.
IP67 rated DIN valve connector with improved strain relief. Cable retention force increased up to 20% over internal nut style. Enlarged cable range that covers the PG9 and PG11 internal thread connectors cable range. Conforms to EN 175301-803

Specifications

**ELECTRICAL**
- Current: max. 16.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100Megohms min.
- Max. Conductor: 1.50mm² / 16AWG

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**Non Electronic**

- SERIES: C92
- POLES: 2
- THREAD: 00
- COVER COLOR: N=Black Cover, G=Gray Cover, W=V0 Black Cover (only with UL listed connectors)
- GROUND POSITION: 0=Unmounted, 2=H12, 6=H6
- SCREW & GASKET: T=Profile NBR Gasket & IP67 Screw, U=Profile Silicone Gasket & IP67 Screw
- PACKAGING STYLE: no digit=Single Bag Unmounted, SN=Bulk Pack Mounted, CN=Bulk Pack Unmounted

**Electronic**

- SERIES: S92
- POLES: 2
- THREAD: 00
- COVER COLOR: N=Black Cover, G=Gray Cover, T=Transparent
- CIRCUIT: see page 33
- VOLTAGE & LED COLOR: see page 33
- GROUND POSITION: 2=H12, 6=H6
- SCREW & GASKET: T=Profile NBR Gasket & IP67 Screw, U=Profile Silicone Gasket & IP67 Screw
- PACKAGING STYLE: no digit=Single Bag Unmounted, SN=Bulk Pack Mounted, CN=Bulk Pack Unmounted

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Solder Tail Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Cable Diameter Range: 4.00-9.00mm
- Live Contact Distance: 10.00mm

**ENVIRONMENTAL**
- IP67 Sealing Protection

**IP67**

**Specifications**

**Electrical**
- Current: max. 16.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100Megohms min.
- Max. Conductor: 1.50mm² / 16AWG

**Mechanical**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**Certification**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**Non Electronic**

- Series: C92
- Poles: 2
- Thread: 00
- Cover Color: N=Black Cover, G=Gray Cover
- Ground Position: 0=Unmounted, 2=H12, 6=H6
- Screw & Gasket: T=Profile NBR Gasket & IP67 Screw
- Packaging Style: no digit=Single Bag Unmounted, SN=Bulk Pack Mounted, CN=Bulk Pack Unmounted

**Electronic**

- Series: S92
- Poles: 2
- Thread: 00
- Cover Color: N=Black Cover, G=Gray Cover, T=Transparent
- Circuit: see page 33
- Voltage & LED Color: see page 33
- Ground Position: 2=H12, 6=H6
- Screw & Gasket: T=Profile NBR Gasket & IP67 Screw
- Packaging Style: no digit=Single Bag Unmounted, SN=Bulk Pack Mounted, CN=Bulk Pack Unmounted

**Note:** UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g., C28200W2RSNSA

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.
**mPm**® Field Attachable DIN Valve Connectors

**121204** Form C, Ext. Thread, Non-Electronic

**121210** Form C, Ext. Thread, Electronic

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**Specifications**

**ELECTRICAL**
- Current: max. 10.0A
- Contact Resistance: ≤15milohm max.
- Insulation Resistance: 100Megohms min.
- Max. Conductor: 0.75mm² / 18AWG

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

---

**Non Electronic**

<table>
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<tr>
<th>SERIES</th>
<th>POLES</th>
<th>THREAD</th>
<th>COVER COLOR</th>
<th>GROUND POSITION</th>
<th>SCREW &amp; GASKET</th>
<th>PACKAGING STYLE</th>
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</thead>
<tbody>
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<td>C25</td>
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<td>N=Black Cover G=Gray Cover W=V0 Black Cover (only with UL listed connectors)</td>
<td>0=Unmounted 2+H12 3+H3 6=H6 9=H9</td>
<td>T=Profile NBR Gasket &amp; IP67 Screw, U=Profile Silicone Gasket &amp; IP67 Screw</td>
<td>no digit=Single Bag Unmounted, SN=Bulk Pack Mounted, CN=Bulk Pack Unmounted</td>
</tr>
</tbody>
</table>

**Electronic**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>POLES</th>
<th>THREAD</th>
<th>COVER COLOR</th>
<th>GROUND POSITION</th>
<th>SCREW &amp; GASKET</th>
<th>PACKAGING STYLE</th>
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</thead>
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<tr>
<td>S25</td>
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<td>0-0</td>
<td>N=Black Cover G=Gray Cover T=Transparent</td>
<td>0=Unmounted 2+H12 3+H3 6=H6 9=H9</td>
<td>T=Profile NBR Gasket &amp; IP67 Screw, U=Profile Silicone Gasket &amp; IP67 Screw</td>
<td>no digit=Single Bag Unmounted, SN=Bulk Pack Mounted, CN=Bulk Pack Unmounted</td>
</tr>
</tbody>
</table>

---

**Environmental**

- IP67 Sealing Protection

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**Specifications**

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Solder Tail Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Cable Diameter Range: 3.00-5.50mm
- Live Contact Distance: 8.00mm

**Environmental**

- IP67 Sealing Protection

---

**Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders**
### Specifications

**ELECTRICAL**
- Max. Current: 10.0A
- Contact Resistance: ≤15mohms max.
- Insulation Resistance: 100Megohms min.
- Max Conductor: 0.75mm² / 18AWG

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218.123 (product available upon request or specific part number)

### IP67 rated DIN valve connector with improved strain relief.
Cable retention force increased up to 20% over internal nut style. Enlarged cable range that covers internal thread connectors cable range.

### PHYSICAL
- Durability: min. 50 cycles
- Contact Area: Silver
- Solder Tail Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° to +90°C
  - Silicone Gasket: -40° to +125°C
- Cable Diameter Range: 3.00-5.50mm
- Live Contact Distance: 9.40mm

### ENVIRONMENTAL
- IP67 Sealing Protection

### Non Electronic

**SERIES**
- C29 = External Thread Form Micro

**POLES**
- 2 = 2Poles+Ground
- 3 = 3Poles+Ground

**THREAD**
- 00 = External Thread

**COVER COLOR**
- N = Black Cover
- G = Gray Cover
- W = V0 Black Cover (only with UL listed connectors)

**GROUND POSITION**
- 0 = Unmounted
- 2 = H12
- 3 = H3
- 6 = H6
- 9 = H9

**SCREW & GASKET**
- T = Profile NBR Gasket & IP67 Screw
- U = Profile Silicone Gasket & IP67 Screw

**PACKAGING STYLE**
- no digit = Single Bag Unmounted
- S = Bulk Pack Mounted
- C = Bulk Pack Unmounted

### Electronic

**SERIES**
- S29 = External Thread Form Micro

**POLES**
- 2 = 2Poles+Ground

**THREAD**
- 00 = External Thread

**COVER COLOR**
- N = Black Cover
- G = Gray Cover
- T = Transparent

**CIRCUIT**
- see page 33

**VOLTAGE & LED COLOR**
- see page 33

**GROUND POSITION**
- 0 = Unmounted
- 2 = H12
- 3 = H3
- 6 = H6
- 9 = H9

**SCREW & GASKET**
- T = Profile NBR Gasket & IP67 Screw
- U = Profile Silicone Gasket & IP67 Screw

**PACKAGING STYLE**
- no digit = Single Bag Unmounted
- S = Bulk Pack Mounted
- C = Bulk Pack Unmounted

### Packaging Type

<table>
<thead>
<tr>
<th>Packaging Type</th>
<th>Poles</th>
<th>Circuit</th>
<th>Voltage</th>
<th>LED Color</th>
<th>Engineering No.</th>
<th>Standard Order No.</th>
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<td>250V AC/300V DC</td>
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<td>121205-0001</td>
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<td>Mounted</td>
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<td>250V AC/300V DC</td>
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**Note:** UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C28200W2RSNSA

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.

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**mPm® Field Attachable DIN Valve Connectors**

**121205** Form Micro, Ext. Thread Non-Electronic

**121211** Form Micro, Ext. Thread Electronic
Standard internal thread DIN valve connector, IP65 rated. Available with different thread style, gaskets and circuitry. Conforms to EN 175301-803

Specifications

**ELECTRICAL**
Max. Current: 16.0A
Contact Resistance: ≤15milohmms max.
Insulation Resistance: 100Mohms min.
Max. Conductor: 1.50mm² / 16AWG

**MECHANICAL**
Insertion and Withdrawal Force:
2+GND ≤ 60N

**CERTIFICATION**
UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**Electronic**

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<td>3=3Poles+Ground</td>
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<tr>
<td>THREAD</td>
<td>09=PG9</td>
<td>11=PG11</td>
<td>M6=M16x1.5</td>
<td>M8=M20x1.5</td>
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<td></td>
</tr>
<tr>
<td>COVER COLOR</td>
<td>N=Black Cover</td>
<td>G=Gray Cover</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W=White Silicone Cover (only with UL listed connectors)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GROUND POSITION</td>
<td>2=H12</td>
<td>3=H3</td>
<td>6=H6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9=H9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>SCREW &amp; GASKET</td>
<td>1=Profile NBR Gasket &amp; Screw</td>
<td>2=Flat NBR Gasket &amp; Screw</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3=White Silicone Profile Gasket &amp; Screw</td>
<td>4=White Silicone Flat Gasket &amp; Screw</td>
<td></td>
<td></td>
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**Non Electronic**

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<th>C18</th>
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<th>9</th>
<th>N</th>
<th>2</th>
<th>1</th>
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<td>POLES</td>
<td>2=2Poles+Ground</td>
<td>3=3Poles+Ground</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>THREAD</td>
<td>09=PG9</td>
<td>11=PG11</td>
<td>M6=M16x1.5</td>
<td>M8=M20x1.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12=1/2&quot; GAS</td>
<td>13=1/2 NPTF</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COVER COLOR</td>
<td>N=Black Cover</td>
<td>G=Gray Cover</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W=Black Cover (only with UL listed connectors)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GROUND POSITION</td>
<td>2=H12</td>
<td>3=H3</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>6=H6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9=H9</td>
<td></td>
<td></td>
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<tr>
<td>SCREW &amp; GASKET</td>
<td>1=Profile NBR Gasket &amp; Screw</td>
<td>2=Flat NBR Gasket &amp; Screw</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3=White Silicone Profile Gasket &amp; Screw</td>
<td>4=White Silicone Flat Gasket &amp; Screw</td>
<td></td>
<td></td>
<td></td>
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<td></td>
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**ENVIRONMENTAL**
IP65 sealing protection
(IP67 available on request)

**Notes:**
UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C18209TC4H1S3A

**Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders**

<table>
<thead>
<tr>
<th>Packaging Type</th>
<th>Poles</th>
<th>Circuit</th>
<th>Voltage</th>
<th>LED Color</th>
<th>Engineering No.</th>
<th>Standard Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Pack Mounted</td>
<td>2+Ground</td>
<td>NO</td>
<td>250V AC/300V DC</td>
<td>NO</td>
<td>C18209N21</td>
<td>121023-0238</td>
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<tr>
<td></td>
<td>NO</td>
<td>250V AC/300V DC</td>
<td>NO</td>
<td>C18211N21</td>
<td>121023-0278</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NO</td>
<td>250V AC/300V DC</td>
<td>NO</td>
<td>C18309N21</td>
<td>121023-0341</td>
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</tr>
<tr>
<td></td>
<td>NO</td>
<td>250V AC/300V DC</td>
<td>NO</td>
<td>C18311N21</td>
<td>121023-0377</td>
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<tr>
<td></td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>S18209TC4H1</td>
<td>121064-0600</td>
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</tr>
<tr>
<td></td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>S18209TC4M1</td>
<td>121064-0603</td>
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<tr>
<td></td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>S18211TC4H1</td>
<td>121064-0685</td>
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<tr>
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<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>S18211TC4M1</td>
<td>121064-0687</td>
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</tr>
</tbody>
</table>
mPm® Field Attachable DIN Valve Connectors

121023 Form A, Intern. Thread, High Space Non-Electronic

Standard internal thread DIN valve connector, IP65 rated. Available with different thread style and gaskets. Conforms to EN 175301-803

Specifications

ELECTRICAL
Max. Current: 16.0 A
Contact Resistance: ≤15 milliohms max.
Insulation Resistance:
100 Megohms min.
Max. Conductor: 1.50 mm² / 16 AWG

MECHANICAL
Insertion and Withdrawal Force:
2+GND ≤ 60 N

CERTIFICATION
UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

Electrical
Max. Current: 16.0 A
Contact Resistance: ≤15 milliohms max.
Insulation Resistance:
100 Megohms min.
Max. Conductor: 1.50 mm² / 16 AWG

Mechanical
Insertion and Withdrawal Force:
2+GND ≤ 60 N

Electrical Specifications
- Max. Current: 16.0 A
- Contact Resistance: ≤15 milliohms max.
- Insulation Resistance: 100 Megohms min.
- Max. Conductor: 1.50 mm² / 16 AWG

Mechanical Specifications
- Insertion and Withdrawal Force: 2+GND ≤ 60 N

Certification
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

Non Electronic

SERIES
C81 = Internal Thread Form A High Space

POLES
2 = 2 Poles + Ground
3 = 3 Poles + Ground

THREAD
09 = PG9
11 = PG11
M6 = M16 x 1.5
M0 = M20 x 1.5
12 = 1/2" GAS

COVER COLOR
N = Black Cover
G = Gray Cover
W = V0 Black Cover (only with UL listed connectors)

GROUND POSITION
2 = H12
3 = H3
6 = H6
9 = H9

SCREW & GASKET
1 = Profile NBR Gasket & Screw
2 = Flat NBR Gasket & Screw
3 = White Silicone Profile Gasket & Screw
4 = White Silicone Flat Gasket & Screw

Physical
- Durability: min. 50 cycles
- Contact Area: Silver
- Solder Tail Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Cable Diameter Range:
  - PG9-M16 6.00-8.00 mm
  - PG11-G1/2"-M20 8.00-10.00 mm
- Live Contact Distance: 18.00 mm

Environmental
- IP65 sealing protection
- (IP67 available on request)

Packaging Type | Poles | Circuit | Voltage | LED Color | Engineering No. | Standard Order No.
--- | --- | --- | --- | --- | --- | ---
Bulk Pack | Mounted | 2+Ground | NO | 250V AC/300V DC | NO | C81209N21 | 121023-0612
 | | NO | 250V AC/300V DC | NO | C81211N21 | 121023-0620
 | 3+Ground | NO | 250V AC/300V DC | NO | C81309N21 | 121023-0629
 | NO | 250V AC/300V DC | NO | C81311N21 | 121023-0633

Note: UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C82000W05NSA

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.
Standar internal thread DIN valve connector, IP65 rated. Available with different thread style, gaskets and circuitry.

Specifications

**ELECTRICAL**
- Max. Current: 16.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100Megohms min.
- Max. Conductor: 1.50mm² / 16AWG

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Solder Tail Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Cable Diameter Range:
  - PG7-M12 4.00-6.00mm
  - PG9-M16 6.00-8.00mm
  - M20  8.00-10.00mm
- Live Contact Distance: 11.00mm

**ENVIRONMENTAL**
- IP65 sealing protection (IP67 available on request)

**Non Electronic**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>S02=Internal Thread Form Industrial</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLES</td>
<td>2=2Poles+Ground</td>
</tr>
<tr>
<td>THREAD</td>
<td>D7=PG7, D9=PG9 M2=M12x1,5 M6=M16x1,5</td>
</tr>
<tr>
<td>MO=M20x1,5 13=1/2” NPTF</td>
<td></td>
</tr>
<tr>
<td>COVER COLOR</td>
<td>N=Black Cover G=Gray Cover W=V0 Black Cover (only with UL listed connectors)</td>
</tr>
<tr>
<td>GROUND POSITION</td>
<td>2=H12 6=H6</td>
</tr>
<tr>
<td>SCREW &amp; GASKET</td>
<td>1=Profile NBR Gasket &amp; Screw, 2=Flat NBR Gasket &amp; Screw, 3=White Silicone Profile Gasket &amp; Screw, 4=White Silicone Flat Gasket &amp; Screw</td>
</tr>
</tbody>
</table>

**Electronic**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>S02=Internal Thread Form Industrial</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLES</td>
<td>2=2Poles+Ground</td>
</tr>
<tr>
<td>THREAD</td>
<td>D7=PG7, D9=PG9 M2=M12x1,5 M6=M16x1,5</td>
</tr>
<tr>
<td>MO=M20x1,5 13=1/2” NPTF</td>
<td></td>
</tr>
<tr>
<td>COVER COLOR</td>
<td>N=Black Cover G=Gray Cover T=Transparent</td>
</tr>
<tr>
<td>CIRCUIT</td>
<td>see page 33</td>
</tr>
<tr>
<td>VOLTAGE &amp; LED COLOR</td>
<td>see page 33</td>
</tr>
<tr>
<td>SCREW &amp; GASKET</td>
<td>1=Profile NBR Gasket &amp; Screw, 2=Flat NBR Gasket &amp; Screw, 3=White Silicone Profile Gasket &amp; Screw, 4=White Silicone Flat Gasket &amp; Screw</td>
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</tbody>
</table>

**Packaging Type**

<table>
<thead>
<tr>
<th>Packaging Type</th>
<th>Poles</th>
<th>Circuit</th>
<th>Voltage</th>
<th>LED Color</th>
<th>Engineering No.</th>
<th>Standard Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Pack</td>
<td>2+Ground</td>
<td>NO</td>
<td>250V AC/300V DC</td>
<td>NO</td>
<td>C12207N21</td>
<td>121023-0105</td>
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<tr>
<td></td>
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<td>NO</td>
<td>250V AC/300V DC</td>
<td>NO</td>
<td>C12209N21</td>
<td>121023-0122</td>
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<td>C4</td>
<td>24V AC/DC</td>
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<td>C4</td>
<td>230V AC/DC</td>
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<td>S02209TC4M1</td>
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Note: UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C28200V23KNSA

Build your connector using the Intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.

Specifications

**ELECTRICAL**
- Max. Current: 16.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100Megohms min.
- Max. Conductor: 1.50mm² / 16AWG

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Solder Tail Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Cable Diameter Range:
  - PG7-M12: 4.00-6.00mm
  - PG9-M16: 6.00-8.00mm
- Live Contact Distance: 10.00mm

**ENVIRONMENTAL**
- IP65 sealing protection (IP67 available on request)

**Non Electronic**

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<thead>
<tr>
<th>SERIES</th>
<th>C62</th>
<th>2</th>
<th>07</th>
<th>N</th>
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<tbody>
<tr>
<td>POLES</td>
<td>2P+G</td>
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<td></td>
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<tr>
<td>THREAD</td>
<td>07=PG7</td>
<td>09=PG9</td>
<td>M2=M12x1.5</td>
<td>M6=M16x1.5</td>
<td></td>
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</tr>
<tr>
<td>COVER COLOR</td>
<td>N=Black Cover</td>
<td>G=Gray Cover</td>
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</tr>
<tr>
<td>GROUND POSITION</td>
<td>2=H12</td>
<td>6=H6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCREW &amp; GASKET</td>
<td>1=Profile NBR Gasket &amp; Screw</td>
<td>2=Flat NBR Gasket &amp; Screw</td>
<td>3=White Silicone Profile Gasket &amp; Screw</td>
<td>4=White Silicone Flat Gasket &amp; Screw</td>
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**Electronic**

<table>
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<th>T</th>
<th>C4</th>
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<tbody>
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<td>POLES</td>
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<tr>
<td>THREAD</td>
<td>07=PG7</td>
<td>09=PG9</td>
<td>M2=M12x1.5</td>
<td>M6=M16x1.5</td>
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<tr>
<td>COVER COLOR</td>
<td>N=Black Cover</td>
<td>G=Gray Cover</td>
<td>T=Transparent</td>
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<tr>
<td>CIRCUIT</td>
<td>see page 33</td>
<td></td>
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</tr>
<tr>
<td>VOLTAGE &amp; LED COLOR</td>
<td>see page 33</td>
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<tr>
<td>SCREW &amp; GASKET</td>
<td>1=Profile NBR Gasket &amp; Screw</td>
<td>2=Flat NBR Gasket &amp; Screw</td>
<td>3=White Silicone Profile Gasket &amp; Screw</td>
<td>4=White Silicone Flat Gasket &amp; Screw</td>
<td></td>
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</tbody>
</table>

**Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders**

<table>
<thead>
<tr>
<th>Packaging Type</th>
<th>Poles</th>
<th>Circuit</th>
<th>Voltage</th>
<th>LED Color</th>
<th>Engineering No.</th>
<th>Standard Order No.</th>
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</thead>
<tbody>
<tr>
<td>Bulk Pack</td>
<td>Mounted</td>
<td>2+Ground</td>
<td>NO</td>
<td>250V AC/300V DC</td>
<td>NO</td>
<td>C62207N21</td>
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<td></td>
<td>NO</td>
<td>250V AC/300V DC</td>
<td>NO</td>
<td>C62209N21</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>S62209TC4H1</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>S62209TC4M1</td>
</tr>
</tbody>
</table>
mPm®
Field Attachable DIN Valve Connectors

121023 Form C, Intern. Thread, Non-Electronic
121064 Form C, Intern. Thread, Electronic


Specifications

ELECTRICAL
Max. Current: 10.0A
Contact Resistance: ≤15milliohms max.
Insulation Resistance: 100Megohms min.
Max. Conductor: 0.75mm² / 18AWG

MECHANICAL
Insertion and Withdrawal Force:
2+GND ≤ 60N

CERTIFICATION
UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

Non Electronic

SERIES
C05=internal Thread Form C

POLES
2=2Poles+Ground 3=3Poles+Ground

THREAD
07=PG7  M2=M12x1.5

COVER COLOR
N=Black Cover  G=Gray Cover
W=V0 Black Cover (only with UL listed connectors)

GROUND POSITION
2=H12  3=H3  6=H6  9=H9

SCREW & GASKET
1=Profile NBR Gasket & Screw, 2=Flat NBR Gasket & Screw
3=White Silicone Profile Gasket & Screw, 4=White Silicone Flat Gasket & Screw

Electronic

SERIES
S05=internal Thread Form C

POLES
2=2Poles+Ground

THREAD
07=PG7 M2=M12x1.5

COVER COLOR
N=Black Cover  G=Gray Cover  T=Transparent

CIRCUIT
see page 33

VOLTAGE & LED COLOR
see page 33

SCREW & GASKET
1=Profile NBR Gasket & Screw, 2=Flat NBR Gasket & Screw
3=White Silicone Profile Gasket & Screw, 4=White Silicone Flat Gasket & Screw

Packaging Type | Poles | Circuit | Voltage | LED Color | Engineering No. | Standard Order No.
--- | --- | --- | --- | --- | --- | ---
Bulk Pack Mounted | 2+Ground | NO | 250V AC/300V DC | NO | C05207N21 | 121023-0083
 | 3+Ground | NO | 250V AC/300V DC | NO | C05307N21 | 121023-0684
 | 2+Ground | C4 | 24V AC/DC | yellow | S05207TC4H1 | 121064-1253
 | | C4 | 230V AC/DC | yellow | S05207TC4M1 | 121064-1446

www.molex.com

Note: UL listed part number identified by adding suffix 5A at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C28200V25RSA

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders
Standard internal thread DIN valve connector, IP65 rated. Available with different thread style, gaskets and circuitry.

**Specifications**

**ELECTRICAL**
- Max. Current: 10.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100Megohms min.
- Max. Conductor: 0.75mm² / 18AWG

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**Non Electronic**

![Diagram of Non Electronic connector](image)

**SERIES**
- C19=Internal Thread Form Micro

**POLES**
- 2=2Poles+Ground
- 3=3Poles+Ground

**THREAD**
- 07=PG7  M2=M12x1.5

**COVER COLOR**
- N=Black Cover
- G=Gray Cover
- W=V0 Black Cover (only with UL listed connectors)

**GROUND POSITION**
- 2=H12
- 3=H3
- 4=H6
- 5=H9

**SCREW & GASKET**
- 1=Profile NBR Gasket & Screw
- 2=Flat NBR Gasket & Screw
- 3=White Silicone Profile Gasket & Screw
- 4=White Silicone Flat Gasket & Screw

**Electronic**

![Diagram of Electronic connector](image)

**SERIES**
- S19=Internal Thread Form Micro

**POLES**
- 2=2Poles+Ground

**THREAD**
- 07=PG7  M2=M12x1.5

**COVER COLOR**
- N=Black Cover
- G=Gray Cover
- T=Transparent

**CIRCUIT**
- see page 33

**VOLTAGE & LED COLOR**
- see page 33

**SCREW & GASKET**
- 1=Profile NBR Gasket & Screw
- 2=Flat NBR Gasket & Screw
- 3=White Silicone Profile Gasket & Screw

**Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.**

**Packaging Type**

<table>
<thead>
<tr>
<th>Packaging Type</th>
<th>Poles</th>
<th>Circuit</th>
<th>Voltage</th>
<th>LED Color</th>
<th>Engineering No.</th>
<th>Standard Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Pack</td>
<td>Mounted</td>
<td>2+Ground</td>
<td>NO</td>
<td>250V AC/300V DC</td>
<td>NO</td>
<td>C19207N21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3+Ground</td>
<td>NO</td>
<td>250V AC/300V DC</td>
<td>NO</td>
<td>C19307N21</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>S19207TC4H1</td>
<td>121064-0871</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>S19207TC4M1</td>
<td>121064-1342</td>
</tr>
</tbody>
</table>

**Note:** UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C28200V2R5NSA
Standard internal thread DIN valve connector, IP65 rated. Available with different thread style, gaskets and circuitry. Conforms to EN 175301-803

Specifications

**ELECTRICAL**
Max. Current: 16.0A  
Contact Resistance: ≤15milliohms max.  
Insulation Resistance: 100Megohms min.  
Max. Conductor: 1.50mm² / 16AWG

**MECHANICAL**
Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**PHYSICAL**
Durability: min. 50 cycles  
Contact Area: Silver  
Operating Temperature with:  
- Nitrile Rubber (NBR) Gasket: -40° +90°C  
- Silicone Gasket: -40° +125°C  
Cable Diameter Range:  
- PG9-M12 6.00-8.00mm  
- PG11 8.00-10.00mm  
Live Contact Distance: 18.00mm

**ENVIRONMENTAL**
IP65 sealing protection  
(IP67 available on request)

### Electronic

**SERIES**
S53=Internal Thread Form A

**POLES**
2=2Poles+Ground

**THREAD**
09=PG9 11=PG11 M6=M16x1,5

**COVER COLOR**
N=Black Cover G=Gray Cover T=Transparent  
W=V0 Black Cover (only with UL listed Conn)

**CIRCUIT**
see page 33

**VOLTAGE & LED COLOR**
see page 33

**SCREW & GASKET**
1=Profile NBR Gasket & Screw  
2=Flat NBR Gasket & Screw  
3=White Silicone Profile Gasket & Screw  
4=White Silicone Flat Gasket & Screw

<table>
<thead>
<tr>
<th>Packaging Type</th>
<th>Poles</th>
<th>Circuit</th>
<th>Voltage</th>
<th>LED Color</th>
<th>Engineering No.</th>
<th>Standard Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Pack</td>
<td>Mounted</td>
<td>2+Ground</td>
<td>R0</td>
<td>24V AC</td>
<td>NO</td>
<td>S53209NR021</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R0</td>
<td>230V AC</td>
<td>NO</td>
<td>S53209NR051</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R2</td>
<td>24V AC</td>
<td>yellow</td>
<td>S53209TR2H1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R2</td>
<td>230V AC</td>
<td>yellow</td>
<td>S53209TR2M1</td>
</tr>
</tbody>
</table>

Note: UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C28200W2RSNSA

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders

www.molex.com
mPm®
Field Attachable
DIN Valve
Connectors

Specifications

**ELECTRICAL**
- Max. Current: 16.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance:
  - 100Megohms min.
  - Max. Conductor: 1.50mm² / 16AWG

**MECHANICAL**
- Insertion and Withdrawal Force:
  - 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Cable Diameter Range:
  - PG7-M12  4.00-6.00mm
  - PG9-M16  6.00-8.00mm
- Live Contact Distance: 11.00mm

**ENVIRONMENTAL**
- IP65 sealing protection
  (IP67 available on request)

**Electronics**

| SERIES | S54 = Internal Thread Form Industrial |
| POLES  | 2 = 2 Poles + Ground |
| THREAD | 07 = PG7 | 09 = PG9 | M2 = M12x1.5 | M6 = M16x1.5 |
| COVER COLOR | N = Black Cover | G = Gray Cover | T = Transparent |
| CIRCUIT | see page 33 |
| VOLTAGE & LED COLOR | see page 33 |
| SCREW & GASKET | 1 = Profile NBR Gasket & Screw, 2 = Flat NBR Gasket & Screw |
| 3 = White Silicone Profile Gasket & Screw, 4 = White Silicone Flat Gasket & Screw |

<table>
<thead>
<tr>
<th>Packaging Type</th>
<th>Poles</th>
<th>Circuit</th>
<th>Voltage</th>
<th>LED Color</th>
<th>Engineering No.</th>
<th>Standard Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Pack</td>
<td>Mounted</td>
<td>2+Ground</td>
<td>R0</td>
<td>24V AC</td>
<td>NO</td>
<td>S54209NR021</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R0</td>
<td>230V AC</td>
<td>NO</td>
<td>S54209NR051</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R2</td>
<td>24V AC</td>
<td>yellow</td>
<td>S54209TR2H1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R2</td>
<td>230V AC</td>
<td>yellow</td>
<td>S54209TR2M1</td>
</tr>
</tbody>
</table>

**Note:** UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C28200VZ2SNSA

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.
mPm®
Field Attachable DIN Valve Connectors

121064 Form A, Intern. Thread, Electronic

Standard internal thread DIN valve connector, IP65 rated. Available with different thread style, gaskets and circuitry. Conforms to EN 175301-803

Specifications

**ELECTRICAL**
Max. Current: 16.0A
Contact Resistance: ≤15 milliohms max.
Insulation Resistance: 100 Megohms min.
Max. Conductor: 1.50mm² / 16AWG

**MECHANICAL**
Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**PHYSICAL**
Durability: min. 50 cycles
Contact Area: Silver

Operating Temperature with:
- Nitrile Rubber (NBR) Gasket: -40° +90°C
- Silicone Gasket: -40° +125°C

Cable Diameter Range:
- PG9-M16 6.00-8.00mm
- PG11-M20 8.00-10.00mm

Live Contact Distance: 18.00mm

**ENVIRONMENTAL**
IP65 sealing protection
(IP67 available on request)

**Electronics**

| SERIES | S11=internal Thread Form A |
| POLES | 2=2Poles+Ground 3=3Poles+Ground |
| THREAD | 09=PG7 11=PG7 M6=M16x1.5 |
| COVER COLOR | N=Black Cover  G=Gray Cover  T=Transparent |
| see page 33 |
| CIRCUIT | see page 33 |
| VOLTAGE & LED COLOR | see page 33 |
| SCREW & GASKET | 1=Profile NBR Gasket & Screw, 2=Flat NBR Gasket & Screw |
| 3=White Silicone Profile Gasket & Screw, 4=White Silicone Flat Gasket & Screw |

**Note:** UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. C2B200VW2RGN6A

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.

<table>
<thead>
<tr>
<th>Packaging Type</th>
<th>Poles</th>
<th>Circuit</th>
<th>Voltage</th>
<th>LED Color</th>
<th>Engineering No.</th>
<th>Standard Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Pack</td>
<td>Mounted</td>
<td>2+Ground</td>
<td>R0</td>
<td>24V AC</td>
<td>NO</td>
<td>S11209NR021</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>R0</td>
<td>230V AC</td>
<td>NO</td>
<td>S11209NR051</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R2</td>
<td>24V AC</td>
<td>yellow</td>
<td>S11209NR2Y1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>R2</td>
<td>230V AC</td>
<td>yellow</td>
<td>S11209NR2M1</td>
</tr>
</tbody>
</table>

www.molex.com
When space and time are in short supply, mPm® DIN valve overmolded cordsets provide the perfect solution which also conform to Industry Standard EN 175301-803 (formerly DIN 43650). This is the standard for a series of electrical connectors, which are commonly used with solenoid valves - especially those used on hydraulic and pneumatic valves.
Our connectors with integrated cable are suitable for use with most types of solenoid valves. They offer a fast and efficient method of connection resulting in greatly reduced installation time and cost and it is always preferred in rugged applications. They can be supplied with or without LED indicators and surge suppression circuit. A diagram is printed on each electronic connector to allow an easy user identification.
mPm® Molded Cable DIN Valve Connectors

**121040 Form A, Overmolded Non-Electronic**

**121050 Form A, Overmolded Electronic**

---

**Specifications**

**ELECTRICAL**
- Current: max. 5.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100Megohms min.

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

---

**Non Electronic**

**E15 2 N2 N 300 11**

| SERIES | E15=Overmolded Cordset Form A |
| POLES | 2=2Poles+Ground 3=3Poles+Ground |
| CABLE TYPE | see cable options on technical features page 32 |
| HEAD COLOR | N=Black G=Gray A=UL Black (only with UL listed cable) |
| CABLE LENGTH | e.g. 050=50cm 300=3.0m 10K=10.0m |
| GROUND LOCATION | 1=Double Ground H6/H12 2=H12 6=H6 |
| SCREW & GASKET | 1=Profile NBR Gasket & Screw, 2=Flat NBR Gasket & Screw |
| | 3=White Silicone Profile Gasket & Screw, 4=White Silicone Flat Gasket & Screw |
| | P=NBR Integrated Gasket Assembled + IP67 Screw |

---

**Electronic**

**E45 2 N2 N 300 11 C4 2**

| SERIES | E45=Overmolded Cordset Form A |
| POLES | 2=2Poles+Ground |
| CABLE TYPE | see cable options on technical features page 32 |
| HEAD COLOR | N=Black G=Gray A=UL Black (only with UL listed cable) |
| CABLE LENGTH | e.g. 050=50cm 300=3.0m 10K=10.0m |
| GROUND LOCATION | 1=Double Ground H6/H12 |
| SCREW & GASKET | 1=Profile NBR Gasket & Screw, 2=Flat NBR Gasket & Screw |
| | 3=White Silicone Profile Gasket & Screw, 4=White Silicone Flat Gasket & Screw |
| | P=NBR Integrated Gasket Assembled + IP67 Screw |
| CIRCUIT | see page 33 |
| VOLTAGE & LED COLOR | see page 33 |

---

**Ground Position**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H6/H12</td>
<td>2+Ground</td>
<td>NO</td>
<td>250V</td>
<td>NO</td>
<td>E152N3N10011</td>
<td>121040-0140</td>
</tr>
<tr>
<td>H12</td>
<td>3+Ground</td>
<td>NO</td>
<td>250V</td>
<td>NO</td>
<td>E153N3N10021</td>
<td>121040-0210</td>
</tr>
<tr>
<td>H6</td>
<td>3+Ground</td>
<td>NO</td>
<td>250V</td>
<td>NO</td>
<td>E153N3N10061</td>
<td>121040-0212</td>
</tr>
<tr>
<td>H6/H12</td>
<td>2+Ground</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>E452N3N10011C4H</td>
<td>121050-0554</td>
</tr>
<tr>
<td>H6/H12</td>
<td>2+Ground</td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>E452N3N10011C4M</td>
<td>121050-1867</td>
</tr>
</tbody>
</table>

---

**Note:** UL listed part number identified by combining UL listed cable with UL overmolding material e.g. E152A3A30011

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders

---

DIN Valve connectors with molded cable, IP65 rated. IP67 version available on request. Conforms to EN 175301-803.
DIN Valve connectors with molded cable, IP65 rated. IP67 version available on request.

Specifications

**ELECTRICAL**
- Current: max. 5.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100megohms min.

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Live Contact Distance: 11.00mm

**ENVIRONMENTAL**
- IP65 sealing protection
  (IP67 available on request)

**Non Electronic**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>E16=Overmolded Cordset Form Industrial</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLES</td>
<td>2=2Poles+Ground</td>
</tr>
<tr>
<td>CABLE TYPE</td>
<td>see cable options on technical features page 32</td>
</tr>
<tr>
<td>HEAD COLOR</td>
<td>N=Black, G=Gray, A=UL Black (only with UL listed cable)</td>
</tr>
<tr>
<td>CABLE LENGTH</td>
<td>e.g. 050=50cm, 300=3.0m, 10K=10.0m</td>
</tr>
<tr>
<td>GROUND LOCATION</td>
<td>2=H12 4=H6</td>
</tr>
<tr>
<td>SCREW &amp; GASKET</td>
<td>1=Profile NBR Gasket &amp; Screw, 2=Flat NBR Gasket &amp; Screw</td>
</tr>
<tr>
<td></td>
<td>3=White Silicone Profile Gasket &amp; Screw, 4=White Silicone Flat Gasket &amp; Screw</td>
</tr>
<tr>
<td></td>
<td>P=NBR Integrated Gasket Assembled + IP67 Screw</td>
</tr>
</tbody>
</table>

**Electronic**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>E46=Overmolded Cordset Form Industrial</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLES</td>
<td>2=2Poles+Ground</td>
</tr>
<tr>
<td>CABLE TYPE</td>
<td>see cable options on technical features page 32</td>
</tr>
<tr>
<td>HEAD COLOR</td>
<td>N=Black, G=Gray, A=UL Black (only with UL listed cable)</td>
</tr>
<tr>
<td>CABLE LENGTH</td>
<td>e.g. 050=50cm, 300=3.0m, 10K=10.0m</td>
</tr>
<tr>
<td>GROUND LOCATION</td>
<td>2=H12 4=H6</td>
</tr>
<tr>
<td>SCREW &amp; GASKET</td>
<td>1=Profile NBR Gasket &amp; Screw, 2=Flat NBR Gasket &amp; Screw</td>
</tr>
<tr>
<td></td>
<td>3=White Silicone Profile Gasket &amp; Screw, 4=White Silicone Flat Gasket &amp; Screw</td>
</tr>
<tr>
<td></td>
<td>P=NBR Integrated Gasket Assembled + IP67 Screw</td>
</tr>
<tr>
<td>CIRCUIT</td>
<td>see page 33</td>
</tr>
<tr>
<td>VOLTAGE &amp; LED COLOR</td>
<td>see page 33</td>
</tr>
</tbody>
</table>

**Ground Position**

- H12
- H6

<table>
<thead>
<tr>
<th>Poles</th>
<th>2+Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circuit</td>
<td>Voltage</td>
</tr>
<tr>
<td>NO</td>
<td>250V</td>
</tr>
<tr>
<td>E162N3N10021</td>
<td>121040-0295</td>
</tr>
<tr>
<td>NO</td>
<td>250V</td>
</tr>
<tr>
<td>E162N3N10061</td>
<td>121040-0297</td>
</tr>
<tr>
<td>C4</td>
<td>24V AC/DC</td>
</tr>
<tr>
<td>E462N3N10021C4H</td>
<td>121050-1097</td>
</tr>
<tr>
<td>C4</td>
<td>24V AC/DC</td>
</tr>
<tr>
<td>E462N3N10061C4H</td>
<td>121050-1108</td>
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<tr>
<td>C4</td>
<td>230V AC/DC</td>
</tr>
<tr>
<td>E462N3N10021C4M</td>
<td>121050-3473</td>
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<td>C4</td>
<td>230V AC/DC</td>
</tr>
<tr>
<td>E462N3N10061C4M</td>
<td>121050-3474</td>
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</tbody>
</table>

Note: UL listed part number identified by combining UL listed cable with UL overmolding material e.g. E152A3A30011

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDI number to use in your purchase orders
mPm® Molded Cable DIN Valve Connectors

DIN Valve connectors with molded cable, IP65 rated. IP67 version available on request. Conforms to EN 175301-803.

Specifications

**ELECTRICAL**
- Current: max. 5.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100Megohms min.

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
- UL recognized, CURus marked, file E218123 (product available upon request or specific part number)

**ENVIRONMENTAL**
- IP65 sealing protection (IP67 available on request)

Non Electronic

SERIES
- E07 = Overmolded Cordset Form B

POLES
- 2=2Poles+Ground

CABLE TYPE
- see cable options on technical features page 32

HEAD COLOR
- N=Black, G=Gray, A=UL Black (only with UL listed cable)

CABLE LENGTH
- e.g. 050=50cm, 300=3.0m, 10K=10.0m

GROUND LOCATION
- 2=H12, 6=H6

SCREW & GASKET
- 1=Profile NBR Gasket & Screw, 2=Flat NBR Gasket & Screw
- 3=White Silicone Profile Gasket & Screw, 4=White Silicone Flat Gasket & Screw
- P=NBR Integrated Gasket Assembled + IP67 Screw

Electronic

SERIES
- E47 = Overmolded Cordset Form A

POLES
- 2=2Poles+Ground

CABLE TYPE
- see cable options on technical features page 32

HEAD COLOR
- N=Black, G=Gray, A=UL Black (only with UL listed cable)

CABLE LENGTH
- e.g. 050=50cm, 300=3.0m, 10K=10.0m

GROUND LOCATION
- 2=H12, 6=H6

SCREW & GASKET
- 1=Profile NBR Gasket & Screw, 2=Flat NBR Gasket & Screw
- 3=White Silicone Profile Gasket & Screw, 4=White Silicone Flat Gasket & Screw
- P=NBR Integrated Gasket Assembled + IP67 Screw

CIRCUIT
- see page 33

VOLTAGE & LED COLOR
- see page 33

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H12</td>
<td>2+GND</td>
<td>NO</td>
<td>250V</td>
<td>NO</td>
<td>E072N3N10021</td>
<td>121040-1254</td>
</tr>
<tr>
<td>H6</td>
<td></td>
<td>NO</td>
<td>250V</td>
<td>NO</td>
<td>E072N3N10061</td>
<td>121040-1401</td>
</tr>
<tr>
<td>H12</td>
<td></td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>E472N3N10021C4H</td>
<td>121050-3475</td>
</tr>
<tr>
<td>H6</td>
<td></td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>E472N3N10061C4H</td>
<td>121050-3477</td>
</tr>
<tr>
<td>H12</td>
<td></td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>E472N3N10021C4M</td>
<td>121050-3476</td>
</tr>
<tr>
<td>H6</td>
<td></td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>E472N3N10061C4M</td>
<td>121050-3478</td>
</tr>
</tbody>
</table>

Note: UL listed part number identified by combining UL listed cable with UL overmolding material e.g. E1523A300111

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.
DIN Valve connectors with molded cable, IP65 rated. IP67 version available on request. Conforms to EN 175301-803.

Specifications

**ELECTRICAL**
- Current: max. 3.0A
- Contact Resistance: ≤15 milliohms max.
- Insulation Resistance: 100 Megohms min.

**MECHANICAL**
- Insertion and Withdrawal Force: 2 + GND ≤ 60N

**CERTIFICATION**
- UL recognized, cURus marked, file E218123 (product available upon request or specific part number)

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Live Contact Distance: 8.00mm

**ENVIRONMENTAL**
- IP65 sealing protection (IP67 available on request)

---

**Non Electronic**

**SERIES**
- E43 = Overmolded Cordset Form C

**POLES**
- 2 = 2Poles + Ground
- 3 = 3Poles + Ground

**CABLE TYPE**
- see cable options on technical features page 32

**HEAD COLOR**
- N = Black
- G = Gray
- A = UL Black (only with UL listed cable)

**CABLE LENGTH**
- e.g. 050 = 50cm
- 300 = 3.0m
- 10K = 10.0m

**GROUND LOCATION**
- 1 = Double Ground H6/H12
- 2 = H12
- 6 = H6

**SCREW & GASKET**
- 1 = Profile NBR Gasket & Screw
- 2 = Flat NBR Gasket & Screw
- 3 = White Silicone Profile Gasket & Screw
- 4 = White Silicone Flat Gasket & Screw
- T = Profile NBR Gasket + IP67 Fixing Screw

**CIRCUIT**
- see page 33

**VOLTAGE & LED COLOR**
- see page 33

---

**Electronic**

**SERIES**
- E49 = Overmolded Cordset Form C

**POLES**
- 2 = 2Poles + Ground

**CABLE TYPE**
- see cable options on technical features page 32

**HEAD COLOR**
- N = Black
- G = Gray
- A = UL Black (only with UL listed cable)

**CABLE LENGTH**
- e.g. 050 = 50cm
- 300 = 3.0m
- 10K = 10.0m

**GROUND LOCATION**
- 1 = Double Ground H6/H12
- 2 = H12
- 6 = H6

**SCREW & GASKET**
- 1 = Profile NBR Gasket & Screw
- 2 = Flat NBR Gasket & Screw
- 3 = White Silicone Profile Gasket & Screw
- 4 = White Silicone Flat Gasket & Screw
- T = Profile NBR Gasket + IP67 Fixing Screw

**CIRCUIT**
- see page 33

**VOLTAGE & LED COLOR**
- see page 33

---

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>H6/H12</td>
<td>2+Ground</td>
<td>NO</td>
<td>250V</td>
<td>NO</td>
<td>E432N2N10011</td>
<td>121040-0491</td>
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<tr>
<td>H12</td>
<td>3+Ground</td>
<td>NO</td>
<td>250V</td>
<td>NO</td>
<td>E433N2N10021</td>
<td>121040-1258</td>
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<td>H6</td>
<td>NO</td>
<td>250V</td>
<td>NO</td>
<td>E433N2N10061</td>
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<td>H6/H12</td>
<td>2+Ground</td>
<td>C4</td>
<td>24V AC/DC</td>
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<td>E492N2N10011C4H</td>
<td>121050-1466</td>
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<tr>
<td>H6/H12</td>
<td>2+Ground</td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>E492N2N10011C4M</td>
<td>121050-3479</td>
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</tbody>
</table>

**Note:** UL listed part number identified by combining UL listed cable with UL overmolding material e.g. E152A3A30011

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.
DIN Valve connectors with molded cable, IP65 rated. IP67 version available on request.

Specifications

**ELECTRICAL**
Current: max. 3.0A
Contact Resistance: ≤15milliohms max.
Insulation Resistance: 100Megohms min.

**MECHANICAL**
Insertion and Withdrawal Force: 2+GND ≤ 60N

**CERTIFICATION**
UL recognized, cURus marked, file E218.123 (product available upon request or specific part number)

**PHYSICAL**
Durability: min. 50 cycles
Contact Area: Silver
Operating Temperature with:
Nitrile Rubber (NBR) Gasket: -40° +90°C
Silicone Gasket: -40° +125°C
Live Contact Distance: 9.40mm

**ENVIRONMENTAL**
IP65 sealing protection (IP67 available on request)

Non Electronic

**SERIES**
E33=Overmolded Cordset Form Micro

**POLES**
2=2Poles+Ground 3=3Poles+Ground

**CABLE TYPE**
see cable options on technical features page 32

**HEAD COLOR**
N=Black  G=Gray  A=UL Black (only with UL listed cable)

**CABLE LENGTH**
e.g. 050=50cm  300=3.0m  10K=10.0m

**GROUND LOCATION**
1=Double Ground H6/H12  2=H12  6=H6

**SCREW & GASKET**
1=Profile NBR Gasket & Screw, 2=Flat NBR Gasket & Screw
3=White Silicone Profile Gasket & Screw, 4=White Silicone Flat Gasket & Screw
T=Profile NBR Gasket + IP67 Fixing Screw

Electronic

**SERIES**
E39=Overmolded Cordset Form Micro

**POLES**
2=2Poles+Ground

**CABLE TYPE**
see cable options on technical features page 32

**HEAD COLOR**
N=Black  G=Gray  A=UL Black (only with UL listed cable)

**CABLE LENGTH**
e.g. 050=50cm  300=3.0m  10K=10.0m

**GROUND LOCATION**
1=Double Ground H6/H12  2=H12  6=H6

**SCREW & GASKET**
1=Profile NBR Gasket & Screw, 2=Flat NBR Gasket & Screw
3=White Silicone Profile Gasket & Screw, 4=White Silicone Flat Gasket & Screw
T=Profile NBR Gasket + IP67 Fixing Screw

**CIRCUIT**
see page 33

**VOLTAGE & LED COLOR**
see page 33

<table>
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<tr>
<td>H6/H12</td>
<td>2+Ground</td>
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<td>250V</td>
<td>NO</td>
<td>E332N2N10011</td>
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<td>H12</td>
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<td>250V</td>
<td>NO</td>
<td>E333N2N10021</td>
<td>121040-1260</td>
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<td>H6</td>
<td></td>
<td>NO</td>
<td>250V</td>
<td>NO</td>
<td>E333N2N10061</td>
<td>121040-1402</td>
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<tr>
<td>H6/H12</td>
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<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>E392N2N10011C4H</td>
<td>121050-0076</td>
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<tr>
<td>H6/H12</td>
<td></td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>E392N2N10011C4M</td>
<td>121050-3472</td>
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</table>

Note: UL listed part number identified by combining UL listed cable with UL overmolding material e.g. E15ZAA103011

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders
DIN Valve connectors with molded cable, IP65 rated. IP67 version available on request.

Specifications

**ELECTRICAL**
Current: max. 3.0 or 5.0A
Contact Resistance: ≤15milliohms max.
Insulation Resistance: 100Megohms min.

**MECHANICAL**
Insertion and Withdrawal Force: 2+GND ≤ 60N

**PHYSICAL**
Durability: min. 50 cycles
Contact Area: Silver
Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
Live Contact Distance:
  - Form A: 18.00mm
  - Form Industrial: 11.00mm
  - Form B: 10.00mm
  - Form C: 8.00mm
  - Form Micro: 9.40mm

**Electronic and Non Electronic**

<table>
<thead>
<tr>
<th>DIN BODY STYLE</th>
<th>E</th>
<th>B</th>
<th>O</th>
<th>P12</th>
<th>M100</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>8</td>
<td>5</td>
<td>0</td>
<td>B</td>
<td>0</td>
</tr>
</tbody>
</table>

**SECOND END OF CABLE**
- 1=Mini-Change Connector
- 4=Nano-Change M8 Connector
- 5=Micro-Change M12 Connector

**NUMBER OF POLES**
- 2=3 Poles For Mini-Change
- 5=5 Poles for Micro-Change M12

**WIRING**
- 0=Default Standard Wiring

**CIRCUIT, VOLTAGE & LED COLOR**
- A= Circuit 50 24V and Yellow LED
- B= Circuit 50 110v and Yellow LED
- C= Circuit C4 24V and Yellow LED
- D= Circuit C4 110v and Yellow LED
- 0= No Circuit

**SECOND HEAD BODY STYLE**
- 0-Micro-Change M12 Male Straight
  - Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
- 1-Micro-Change M12 Male Straight
  - Ground on DIN Head DIN H12 (not for Double Ground DIN)
- 2-Micro-Change M12 Male 90°
  - Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
- 3-Micro-Change M12 Male 90°
  - Ground on DIN Head DIN H12 (not for Double Ground DIN)
- 4-Mini-Change Male Straight
  - Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
- 5-Mini-Change Male Straight
  - Ground on DIN Head DIN H12 (not for Double Ground DIN)
- 6-Mini-Change Male 90°
  - Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
- 7-Mini-Change Male 90°
  - Ground on DIN Head DIN H12 (not for Double Ground DIN)

**CABLE UNIT OF MEASURE**
- A23=Black PVC 0.75mm²
- E12=Black PVC 0.50mm²
- P12=Black PUR 0.50mm²
- 808=Yellow PUR 18 AWG

**CABLE LENGTH**
e.g. 003=0.3m 010=1m 100=10m

---|---|---|---|---|---|---
Check Sales Drawing on www.molex.com | 2+Ground | C4 | 24V AC/DC | yellow | D850B0P12M010 | 121036-0825
E850B0P12M010 | 121036-0193
F850B0P12M010 | 121036-0255
G850B0P12M010 | 121036-0277
H850B0P12M010 | 121036-0296

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.
DIN Valve connectors with molded cable, IP65 rated. IP67 version available on request.

Specifications

**ELECTRICAL**
- Current: max. 5.0A
- Contact Resistance: ≤15miohms max.
- Insulation Resistance: 100Miohms min.

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Operating Temperature with Nitrile Rubber (NBR) Gasket: -40° +90°C
- Silicone Gasket: -40° +125°C
- Live Contact Distance:
  - Form A: 18.00mm
  - Form Industrial: 11.00mm
  - Form B: 10.00mm

**ENVIRONMENTAL**
- IP65 sealing protection
- (IP67 available on request)

Electronic and Non Electronic

<table>
<thead>
<tr>
<th>SERIES</th>
<th>E6</th>
<th>5</th>
<th>2</th>
<th>N2</th>
<th>N</th>
<th>A</th>
<th>26</th>
<th>1</th>
<th>I</th>
<th>C</th>
<th>4</th>
<th>1</th>
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<tbody>
<tr>
<td>E6=Overmolded Dual DIN Cordset</td>
<td></td>
<td></td>
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<td></td>
<td></td>
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</tr>
</tbody>
</table>

**NUMBER OF POLES**
- 2=2 Poles + GND connected
- 3=2 Poles + GND connected
- A=M12 Straight
- B=M12 90°

**CABLE**
- see cable options on technical features page 32

**HEAD COLOR**
- N=Black
- G=Gray
- A=UL Black (only with UL listed cable)

**MAIN CABLE LENGTH (m)**
- A=6.5
- B=7.5
- C=8.5
- D=9
- E=10
- P=6.5
- Q=7
- R=7.5
- S=8
- T=8.5
- U=9
- K=10
- O=M12 Molded on DIN Head

**DISTANCE BETWEEN THE HEADS**
- e.g. 26=26cm (min distance between 2 heads 13cm)

**GROUND LOCATION**
- 1=Double Ground H6/H12
- 2=H12
- 6=H6

**SCREW & GASKET**
- 1=Profile NBR Gasket & Screw
- 2=Flat NBR Gasket & Screw
- 3=White Silicone Profile Gasket & Screw
- 4=White Silicone Flat Gasket & Screw
- P=Integrated NBR Gasket Assembled + IP67 Fixing Screw

**CIRCUIT**
- see page No. 33

**VOLTAGE & LED COLOR**
- see page No. 33

**Check Sales Drawing on www.molex.com**

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>2+Ground connected</td>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>E653PA1311C4H</td>
<td>121055-0161</td>
</tr>
<tr>
<td>2+Ground not connected</td>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>E653PA1311C4M</td>
<td>121055-0161</td>
</tr>
<tr>
<td>2+Ground connected</td>
<td>2</td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>E662PA1361C4H</td>
<td>121055-0293</td>
</tr>
<tr>
<td>2+Ground not connected</td>
<td>2</td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>E662PA1361C4M</td>
<td>121055-0294</td>
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<td>2+Ground connected</td>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>E672PA1361C4H</td>
<td>121055-0295</td>
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<tr>
<td>2+Ground not connected</td>
<td>2</td>
<td>C4</td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>E672PA1361C4M</td>
<td>121055-0296</td>
</tr>
</tbody>
</table>
DIN Valve connectors with molded cable, IP65 rated. IP67 version available on request.

121055 DUAL DIN Valve, Overmolded, Non-Electronic or Electronic

E65 Dual DIN
Form A

E66 Dual DIN
Form Industrial

E67 Dual DIN
Form B

Brad®
Micro-Change M12
mPm® Molded Cable DIN Valve Connectors

**121035** DIN Valve to Brad® ILS, Overmolded, Non-Electronic

**121036** DIN Valve to Brad® ILS, Overmolded, Electronic

---

**Specifications**

**ELECTRICAL**
- Current: max. 3.0A or 5.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100megohms min.

**MECHANICAL**
- Insertion and Withdrawal Force:
  - 2+GND ≤ 60N

**ENVIRONMENTAL**
- IP65 sealing protection
  - IP67 version available on request

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Live Contact Distance:
  - Form A: 18mm
  - Form Industrial: 11mm
  - Form B: 10mm
  - Form C: 8mm
  - Form Micro: 9.4mm

**Specifications**

**Electrical**
- Current: max. 3.0A or 5.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100megohms min.

**Mechanical**
- Insertion and Withdrawal Force:
  - 2+GND ≤ 60N

**Environmental**
- IP65 sealing protection
  - IP67 version available on request

---

**Electronic and Non Electronic**

<table>
<thead>
<tr>
<th>DIN BODY STYLE</th>
<th>E</th>
<th>B</th>
<th>A</th>
<th>0</th>
<th>P12</th>
<th>M</th>
<th>100</th>
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</thead>
<tbody>
<tr>
<td>D=Form B 10.00mm (2P+Ground)</td>
<td>E=Form A 18.00mm (2P+Double Ground)</td>
<td>F=Form Ind. 11.00mm (2P+Ground)</td>
<td>G=Form Micro 9.40mm (2P+Double Ground)</td>
<td>H=Form C 8.00mm (2P+Double Ground)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Second End of Cable**
- B=Micro-Change M12 Connector

**Number of Poles**
- 5=5 Poles for Micro-Change M12

**Wiring**
- A=In-Line Splitter

**Circuit, Voltage & LED Color**
- A=Circuit S0 24V and Yellow LED
- B=Circuit C4 24V and Yellow LED
- C=Circuit S0 110v and Yellow LED
- D=Circuit C4 110v and Yellow LED
- E=No Circuit

**Second Head Body Style**
- 0=Micro-Change M12 Male Straight
- 1=Micro-Change M12 Male Straight
  - Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
  - Ground on DIN Head DIN H12 (not for Double Ground DIN)

**Cable Unit of Measure**
- A23=Black PVC 0.75mm²
- E12=Black PVC 0.50mm²
- P12=Black PUR 0.50mm²
- B08=Yellow PUR 18 AWG

**Cable Length**
- M=Meters
- e.g. 003=0.3m 010=1m 100=10m

---

This technical data is referred on the DIN connector head, for Brad® connector data please refer to the proper catalogue.

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>See drawing</td>
<td>2+Ground</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>DB5AB0P12M010</td>
<td>121036-0925</td>
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www.molex.com
DIN Valve connectors with molded cable, IP65 rated. IP67 version available on request.

Specifications

**ELECTRICAL**
- Current: max. 3.0A or 5.0A
- Contact Resistance: ≤15milliohms max.
- Insulation Resistance: 100Megohms min.

**MECHANICAL**
- Insertion and Withdrawal Force: 2+GND ≤ 60N

**ENVIRONMENTAL**
- IP65 sealing protection
- IP67 version available on request.

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° +90°C
  - Silicone Gasket: -40° +125°C
- Live Contact Distance:
  - Form A 18mm
  - Form Industrial 11mm
  - Form B 10mm
  - Form C 8mm
  - Form Micro 9.4mm

**Electrical and Non Electronic**

**DIN BODY STYLE**
- D=Form B 10.00mm (2P+Ground)
- E=Form A 18.00mm (2P+Double Ground)
- F=Form Ind. 11.00mm (2P+Ground)
- G=Form Micro 9.40mm (2P+Double Ground)
- H=Form C 8.00mm (2P+Double Ground)

**BRAD® M8/M12 EXIT**
- 5=Nano-Change M8 Connector
- 8=Micro-Change M12 Connector

**NUMBER OF POLES**
- 3=3 Poles For Mini-Change
- 5=5 Poles for Micro-Change M12

**WIRING**
- 0=Default Standard Wiring
- A=Circuit S0 24V and Yellow LED
- B=Circuit C4 24V and Yellow LED
- C=Circuit S0 110v and Yellow LED
- D=Circuit C4 110v and Yellow LED
- O=No Circuit

**HEAD BODY STYLE**
- 0=Brad® M8 / M12 Male Straight
- Ground on DIN Head DIN H6 (H6/12 for cordset with Double Ground)
- 1=Brad® M8 / M12 Male Straight
- Ground on DIN Head DIN H12 (not for Double Ground DIN)

This technical data is referred on the DIN connector head, for Brad connector data please refer to the proper catalogue.

<table>
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<tbody>
<tr>
<td>See drawing</td>
<td>2+Ground</td>
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<td>24V AC/DC</td>
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<td>EB50B0</td>
<td>121037-0035</td>
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<td></td>
<td></td>
<td></td>
<td>GB50B0</td>
<td>121037-0068</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>HB50B0</td>
<td>121037-0075</td>
</tr>
</tbody>
</table>

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.
Several cable options available, custom cable available upon request.

### Cable Types

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Code</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harmonized PVC</td>
<td>N</td>
<td>Cable used for general purpose, has a good resistance to water but usually poor against chemical oils.</td>
</tr>
<tr>
<td>PVC CEI 2022 II</td>
<td>I</td>
<td>Approved to iec332-2a, it is flame retardant and self extinguish, limited resistance against mineral oils.</td>
</tr>
<tr>
<td>PUR Blend</td>
<td>P</td>
<td>This cable offers a good resistance against chemicals and oils. Can swell when constantly immersed in water.</td>
</tr>
<tr>
<td>PVC UL 2661</td>
<td>A</td>
<td>Approved UL2661, application for general purpose. This cable has a good resistance to water but usually poor oil resistance.</td>
</tr>
<tr>
<td>PUR UL 2668</td>
<td>B</td>
<td>Approved UL2668, cable with very good resistance against oils and chemicals.</td>
</tr>
</tbody>
</table>

### Technical Features

<table>
<thead>
<tr>
<th>Cable Code</th>
<th>Strand / Cross</th>
<th>Type</th>
<th>External Diam. (mm)</th>
<th>Temp. Range (static)</th>
<th>Bending Radius (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>nominal</td>
<td>tolerance</td>
<td>min (°C)</td>
</tr>
<tr>
<td>I 2</td>
<td>2x0.50mm²</td>
<td>PVC CEI 2022 II</td>
<td>5,50</td>
<td>+0.4/-0.0</td>
<td>-25</td>
</tr>
<tr>
<td>I 2</td>
<td>3x0.50mm²</td>
<td>PVC CEI 2022 II</td>
<td>5,50</td>
<td>+0.4/-0.0</td>
<td>-25</td>
</tr>
<tr>
<td>I 2</td>
<td>4x0.50mm²</td>
<td>PVC CEI 2022 II</td>
<td>6,50</td>
<td>±0.3</td>
<td>-25</td>
</tr>
<tr>
<td>P 2</td>
<td>2x0.50mm²</td>
<td>PUR BLEND</td>
<td>5,50</td>
<td>±0.3</td>
<td>-40</td>
</tr>
<tr>
<td>P 2</td>
<td>3x0.50mm²</td>
<td>PUR BLEND</td>
<td>5,50</td>
<td>+0.5/-0.0</td>
<td>-40</td>
</tr>
<tr>
<td>P 2</td>
<td>4x0.50mm²</td>
<td>PUR BLEND</td>
<td>6,50</td>
<td>±0.3</td>
<td>-40</td>
</tr>
<tr>
<td>A 2</td>
<td>2x20 AWG</td>
<td>PVC UL 2661</td>
<td>5,40</td>
<td>±0.3</td>
<td>-30</td>
</tr>
<tr>
<td>A 2</td>
<td>3x20 AWG</td>
<td>PVC UL 2661</td>
<td>6,60</td>
<td>±0.3</td>
<td>-30</td>
</tr>
<tr>
<td>B 2</td>
<td>2x20 AWG</td>
<td>PUR UL 2668</td>
<td>5,60</td>
<td>±0.3</td>
<td>-40</td>
</tr>
<tr>
<td>B 2</td>
<td>3x20 AWG</td>
<td>PUR UL 2668</td>
<td>5,60</td>
<td>±0.3</td>
<td>-40</td>
</tr>
<tr>
<td>N 2</td>
<td>2x0.50mm²</td>
<td>HARMONIZED PVC H03</td>
<td>5,20</td>
<td>±0.3</td>
<td>-20</td>
</tr>
<tr>
<td>N 2</td>
<td>3x0.50mm²</td>
<td>HARMONIZED PVC H03</td>
<td>5,50</td>
<td>±0.3</td>
<td>-20</td>
</tr>
<tr>
<td>N 2</td>
<td>4x0.50mm²</td>
<td>HARMONIZED PVC H03</td>
<td>5,90</td>
<td>±0.4</td>
<td>-20</td>
</tr>
<tr>
<td>I 3</td>
<td>2x0.75mm²</td>
<td>PVC CEI 2022 II</td>
<td>5,50</td>
<td>±0.3</td>
<td>-25</td>
</tr>
<tr>
<td>I 3</td>
<td>3x0.75mm²</td>
<td>PVC CEI 2022 II</td>
<td>6,00</td>
<td>±0.3</td>
<td>-25</td>
</tr>
<tr>
<td>I 3</td>
<td>4x0.75mm²</td>
<td>PVC CEI 2022 II</td>
<td>7,00</td>
<td>±0.3</td>
<td>-25</td>
</tr>
<tr>
<td>P 3</td>
<td>2x0.75mm²</td>
<td>PUR BLEND</td>
<td>6,50</td>
<td>±0.3</td>
<td>-40</td>
</tr>
<tr>
<td>P 3</td>
<td>3x0.75mm²</td>
<td>PUR BLEND</td>
<td>6,50</td>
<td>±0.3</td>
<td>-40</td>
</tr>
<tr>
<td>P 3</td>
<td>4x0.75mm²</td>
<td>PUR BLEND</td>
<td>7,00</td>
<td>±0.3</td>
<td>-40</td>
</tr>
<tr>
<td>A 3</td>
<td>2x18 AWG</td>
<td>PVC UL 2661</td>
<td>6,20</td>
<td>±0,35</td>
<td>-30</td>
</tr>
<tr>
<td>A 3</td>
<td>3x18 AWG</td>
<td>PVC UL 2661</td>
<td>6,50</td>
<td>±0,35</td>
<td>-30</td>
</tr>
<tr>
<td>A 3</td>
<td>4x18 AWG</td>
<td>PVC UL 2661</td>
<td>7,00</td>
<td>+0,4/-0,0</td>
<td>-30</td>
</tr>
<tr>
<td>B 3</td>
<td>2x18 AWG</td>
<td>PUR UL 2668</td>
<td>6,20</td>
<td>±0.3</td>
<td>-40</td>
</tr>
<tr>
<td>B 3</td>
<td>3x18 AWG</td>
<td>PUR UL 2668</td>
<td>6,50</td>
<td>±0.3</td>
<td>-40</td>
</tr>
<tr>
<td>B 3</td>
<td>4x18 AWG</td>
<td>PUR UL 2668</td>
<td>7,00</td>
<td>±0.3</td>
<td>-40</td>
</tr>
<tr>
<td>N 3</td>
<td>2x0.75mm²</td>
<td>HARMONIZED PVC H05</td>
<td>6,20</td>
<td>±0.3</td>
<td>-20</td>
</tr>
<tr>
<td>N 3</td>
<td>3x0.75mm²</td>
<td>HARMONIZED PVC H05</td>
<td>6,50</td>
<td>±0.3</td>
<td>-20</td>
</tr>
<tr>
<td>N 3</td>
<td>4x0.75mm²</td>
<td>HARMONIZED PVC H05</td>
<td>7,10</td>
<td>±0.4</td>
<td>-20</td>
</tr>
<tr>
<td>I 4</td>
<td>2x1mm²</td>
<td>PVC CEI 2022 II</td>
<td>7,10</td>
<td>±0.3</td>
<td>-25</td>
</tr>
<tr>
<td>I 4</td>
<td>3x1mm²</td>
<td>PVC CEI 2022 II</td>
<td>7,10</td>
<td>+0,4/-0,0</td>
<td>-25</td>
</tr>
<tr>
<td>N 4</td>
<td>2x1mm²</td>
<td>HARMONIZED PVC H05</td>
<td>6,50</td>
<td>±0.3</td>
<td>-20</td>
</tr>
<tr>
<td>N 4</td>
<td>3x1mm²</td>
<td>HARMONIZED PVC H05</td>
<td>6,90</td>
<td>±0.3</td>
<td>-20</td>
</tr>
</tbody>
</table>
Our circuit range provides LED indication or suppressor circuitry for surge protection.

Many other circuit configurations are available upon request; contact your local sales representative to identify the proper EDP number to use in your purchase orders.

**SUPPLY VOLTAGE AND LED COLOR**

<table>
<thead>
<tr>
<th>Supply Voltage</th>
<th>LED Color</th>
<th>Available on Product Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = 12V</td>
<td>A = 12V</td>
<td>Connectors Series S, Series E (only with Electronic) and Series A</td>
</tr>
<tr>
<td>2 = 24V</td>
<td>B = 24V</td>
<td>Connectors Series S, Series E (only with Electronic) and Series A</td>
</tr>
<tr>
<td>3 = 48V</td>
<td>C = 48V</td>
<td>Connectors Series S, Series E (only with Electronic) and Series A</td>
</tr>
<tr>
<td>4 = 115V</td>
<td>D = 115V</td>
<td>Connectors Series S, Series E (only with Electronic) and Series A</td>
</tr>
<tr>
<td>5 = 230V</td>
<td>E = 230V</td>
<td>Connectors Series S, Series E (only with Electronic) and Series A</td>
</tr>
</tbody>
</table>

**Circuit Options**

<table>
<thead>
<tr>
<th>Input Type</th>
<th>Circuit Schematic</th>
<th>Circuit Description</th>
<th>Available on Product Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>V AC/DC</td>
<td><img src="image" alt="Circuit A1" /></td>
<td>CIRCUIT A1 With bipolar LED, provides a luminous signal when power is applied.</td>
<td>Connectors Series S, Series E (only with Electronic) and Series A</td>
</tr>
<tr>
<td>V DC</td>
<td><img src="image" alt="Circuit C3" /></td>
<td>CIRCUIT C3 With LED and diode to protect against peak of overvoltage when switching off.</td>
<td>Connectors Series S, Series E (only with Electronic) and Series A</td>
</tr>
<tr>
<td>V AC/DC</td>
<td><img src="image" alt="Circuit C4" /></td>
<td>CIRCUIT C4 With bipolar LED and VDR to protect supply and switch against peak of overvoltage.</td>
<td>Connectors Series S, Series E (only with Electronic) and Series A</td>
</tr>
<tr>
<td>V AC/DC</td>
<td><img src="image" alt="Circuit D0" /></td>
<td>CIRCUIT D0 With VDR to protect supply and switch from peak of overvoltage.</td>
<td>Connectors Series S, Series E (only with Electronic)</td>
</tr>
<tr>
<td>V DC</td>
<td><img src="image" alt="Circuit E0" /></td>
<td>CIRCUIT E0 With diode to protect against peak of overvoltage when switching off.</td>
<td>Connectors Series S, Series E (only with Electronic)</td>
</tr>
<tr>
<td>V AC/DC</td>
<td><img src="image" alt="Circuit S0" /></td>
<td>CIRCUIT S0 With transient suppressor (transil) to provide blocking of input and output overvoltage; a bipolar LED provides a visual indication when power is applied.</td>
<td>Connectors Series S, Series E (only with Electronic) and Series A</td>
</tr>
<tr>
<td>V AC/DC</td>
<td><img src="image" alt="Circuit S1" /></td>
<td>CIRCUIT S1 With transient suppressor (transil) to provide blocking of input and output overvoltage.</td>
<td>Connectors Series S, Series E (only with Electronic)</td>
</tr>
<tr>
<td>V AC</td>
<td><img src="image" alt="Circuit R0" /></td>
<td>CIRCUIT R0 Full wave bridge rectifier with VDR to protect against overvoltage.</td>
<td>Connectors Series S53/54/11, Series E451 (only with Electronic)</td>
</tr>
<tr>
<td>V AC</td>
<td><img src="image" alt="Circuit R2" /></td>
<td>CIRCUIT R2 Full wave bridge rectifier with VDR to protect against overvoltage and LED to confirm the presence of the rectified DC voltage.</td>
<td>Connectors Series S53/54/11, Series E451 (only with Electronic)</td>
</tr>
</tbody>
</table>
mPm® DIN valve bases follow industry standards and are used where rapid installation and service are required. Bases are used as protective enclosures for electrical connection in conjunction with hydraulic and pneumatic solenoid valves as well as sensors.
The bases range is used extensively together with Molex mPm connectors to provide electrical connections in a wide range of applications. The most common application for mPm bases is in conjunction with hydraulic, pneumatic or electromagnetic devices. Other applications include, for example, pressure transducers, proximity switches, level sensors, limit switches, thermostats and low energy motors.
DIN Bases are provided in kit with fixing screw and gasket where required. The range covers the most important and common applications.

Specifications

**ELECTRICAL**
See following pages for details.

**CERTIFICATION**
UL recognized, cURus marked, file E218123 (product available upon request or specific part number).

**PHYSICAL**
- Durability: min. 50 cycles
- Contact Area: Silver
- Solder Tail Area: Silver
- Operating Temperature with:
  - Nitrile Rubber (NBR) Gasket: -40° to +90°C
  - Silicone Gasket: -40° to +125°C
- Live Contact Distance:
  - Form A: 18.00mm
  - Form Industrial: 11.00mm
  - Form C: 8.00mm
  - Form Micro: 9.40mm

**SERIES**
- **B** = Connectors Bases

**SERIES**
- 04-15-20-22-26-28-29-30-31

**POLES**
- 2 = 2Poles+GND
- 3 = 3Poles+GND

**SURFACE MATING SHAPE**
- 000 = Flat Base

**COLOR**
- N = Black
- W = V0 Black (only with UL listed base)

**SCREW & GASKET**
- 2 = NBR Flat Gasket and Fixing Screw

**Note:** UL listed part number identified by adding suffix SA at the end of the nomenclature in conjunction with UL material (W for black and T for transparent) e.g. B142000W2SA

Build your connector using the intelligent part number system and contact your local sales representative to identify the proper EDP number to use in your purchase orders.
DIN Bases are provided in kit with fixing screw and gasket where required. The range covers the most important and common applications.

<table>
<thead>
<tr>
<th>Code</th>
<th>B202000N2</th>
<th>B203000N2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Order No.</td>
<td>121012-0013</td>
<td>121012-0019</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>250V AC/300V DC</td>
<td></td>
</tr>
<tr>
<td>Poles</td>
<td>2 + Ground</td>
<td>3 + Ground</td>
</tr>
<tr>
<td>Max. Wire Sect.</td>
<td>1.00mm²</td>
<td></td>
</tr>
<tr>
<td>Mate with</td>
<td>Form A 2 Poles</td>
<td>Form A 3 Poles</td>
</tr>
</tbody>
</table>

Base with external fixing screw for assembly on flat surface. This base allow to solder wire in front or back of the base.

<table>
<thead>
<tr>
<th>Code</th>
<th>B262000N2</th>
<th>B263000N2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Order No.</td>
<td>121012-0071</td>
<td>121012-0076</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>250V AC/300V DC</td>
<td></td>
</tr>
<tr>
<td>Poles</td>
<td>2 + Ground</td>
<td>3 + Ground</td>
</tr>
<tr>
<td>Max. Wire Sect.</td>
<td>1.00mm²</td>
<td></td>
</tr>
<tr>
<td>Mate with</td>
<td>Form A 2 Poles</td>
<td>Form A 3 Poles</td>
</tr>
</tbody>
</table>

Base with external fixing screw for assembly on flat surface.

<table>
<thead>
<tr>
<th>Code</th>
<th>B282000N2</th>
<th>B283000N2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Order No.</td>
<td>121012-0095</td>
<td>121012-0099</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>250V AC/300V DC</td>
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</tr>
<tr>
<td>Poles</td>
<td>2 + Ground</td>
<td>3 + Ground</td>
</tr>
<tr>
<td>Max. Wire Sect.</td>
<td>1.00mm²</td>
<td></td>
</tr>
<tr>
<td>Mate with</td>
<td>Form A 2 Poles</td>
<td>Form A 3 Poles</td>
</tr>
</tbody>
</table>

Base with external fixing screw for assembly on flat surface.

<table>
<thead>
<tr>
<th>Code</th>
<th>B142000N2</th>
<th>B143000N2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Order No.</td>
<td>121012-0006</td>
<td>121012-0007</td>
</tr>
<tr>
<td>Code</td>
<td>B042000N2</td>
<td>B043000N2</td>
</tr>
<tr>
<td>Standard Order No.</td>
<td>121012-0001</td>
<td>121012-0003</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>250V AC/300V DC</td>
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</tr>
<tr>
<td>Poles</td>
<td>2 + Ground</td>
<td>3 + Ground</td>
</tr>
<tr>
<td>Max. Wire Sect.</td>
<td>1.00mm²</td>
<td></td>
</tr>
<tr>
<td>Mate with</td>
<td>Form A 2 Poles</td>
<td>Form A 3 Poles</td>
</tr>
</tbody>
</table>

Base with external fixing screw for assembly on flat surface with hole max. Diam. 22.5mm.
DIN Bases are provided in kit with fixing screw and gasket where required. The range covers the most important and common applications.

<table>
<thead>
<tr>
<th>Code</th>
<th>Standard Order No.</th>
<th>Nominal Voltage</th>
<th>Poles</th>
<th>Max. Wire Sect.</th>
<th>Mate with</th>
</tr>
</thead>
<tbody>
<tr>
<td>B302000N0</td>
<td>121012-0112</td>
<td>250V AC/300V DC</td>
<td>2 + Ground</td>
<td>1.00mm²</td>
<td>Form A 2 Poles</td>
</tr>
<tr>
<td>B303000N0</td>
<td>121012-0114</td>
<td></td>
<td>3 + Ground</td>
<td></td>
<td>Form A 3 Poles</td>
</tr>
</tbody>
</table>

Base can be molded directly with the coil or assembled into the application.

<table>
<thead>
<tr>
<th>Code</th>
<th>Standard Order No.</th>
<th>Nominal Voltage</th>
<th>Poles</th>
<th>Max. Wire Sect.</th>
<th>Mate with</th>
</tr>
</thead>
<tbody>
<tr>
<td>B312P09N0</td>
<td>121012-0117</td>
<td>250V AC/300V DC</td>
<td>2 + Ground</td>
<td>1.00mm²</td>
<td>Form A 2 Poles</td>
</tr>
<tr>
<td>B313P09N0</td>
<td>121012-0121</td>
<td></td>
<td>3 + Ground</td>
<td></td>
<td>Form A 3 Poles</td>
</tr>
</tbody>
</table>

Base allowed to assembled using a PG 9 thread.

<table>
<thead>
<tr>
<th>Code</th>
<th>Standard Order No.</th>
<th>Nominal Voltage</th>
<th>Poles</th>
<th>Max. Wire Sect.</th>
<th>Mate with</th>
</tr>
</thead>
<tbody>
<tr>
<td>B312P11N0</td>
<td>121012-0118</td>
<td>250V AC/300V DC</td>
<td>2 + Ground</td>
<td>1.00mm²</td>
<td>Form A 2 Poles</td>
</tr>
<tr>
<td>B313P11N0</td>
<td>121012-0122</td>
<td></td>
<td>3 + Ground</td>
<td></td>
<td>Form A 3 Poles</td>
</tr>
</tbody>
</table>

Base allowed to assembled using a PG 11 thread.

<table>
<thead>
<tr>
<th>Code</th>
<th>Standard Order No.</th>
<th>Nominal Voltage</th>
<th>Poles</th>
<th>Max. Wire Sect.</th>
<th>Mate with</th>
</tr>
</thead>
<tbody>
<tr>
<td>B312M27N0</td>
<td>121012-0116</td>
<td>250V AC/300V DC</td>
<td>2 + Ground</td>
<td>1.00mm²</td>
<td>Form A 2 Poles</td>
</tr>
<tr>
<td>B313M27N0</td>
<td>121012-0120</td>
<td></td>
<td>3 + Ground</td>
<td></td>
<td>Form A 3 Poles</td>
</tr>
</tbody>
</table>

Base allowed to assembled using a lock fixing nut M27 thread.
DIN Bases are provided in kit with fixing screw and gasket where required. The range covers the most important and common applications.

<table>
<thead>
<tr>
<th>Code</th>
<th>B220000N2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Order No.</td>
<td>121012-0047</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>250V AC/300V DC</td>
</tr>
<tr>
<td>Poles</td>
<td>2 + Ground</td>
</tr>
<tr>
<td>Max. Wire Sect.</td>
<td>1.00mm²</td>
</tr>
<tr>
<td>Mate with</td>
<td>Form Industrial 2 Poles</td>
</tr>
</tbody>
</table>

Base with central fixing screw to assemble on flat surface.

<table>
<thead>
<tr>
<th>Code</th>
<th>B152000N2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Order No.</td>
<td>121012-0009</td>
</tr>
<tr>
<td>Standard Order No.</td>
<td>121012-0010</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>250V AC/300V DC</td>
</tr>
<tr>
<td>Poles</td>
<td>2 + Ground</td>
</tr>
<tr>
<td>Max. Wire Sect.</td>
<td>0.75mm²</td>
</tr>
<tr>
<td>Mate with</td>
<td>Form C 2 Poles</td>
</tr>
</tbody>
</table>

Base with external fixing screw for assembly on flat surface.

<table>
<thead>
<tr>
<th>Code</th>
<th>B292000N2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Order No.</td>
<td>121012-0102</td>
</tr>
<tr>
<td>Standard Order No.</td>
<td>121012-0126</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>250V AC/300V DC</td>
</tr>
<tr>
<td>Poles</td>
<td>2 + Ground</td>
</tr>
<tr>
<td>Max. Wire Sect.</td>
<td>0.75mm²</td>
</tr>
<tr>
<td>Mate with</td>
<td>Form Micro 2 Poles</td>
</tr>
</tbody>
</table>

B292 base with external fixing screw for assembly on flat surface. B392 for assembly on surface with hole Diam. 15mm

<table>
<thead>
<tr>
<th>Code</th>
<th>B293000N2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Order No.</td>
<td>121012-0107</td>
</tr>
<tr>
<td>Standard Order No.</td>
<td>121012-0127</td>
</tr>
<tr>
<td>Nominal Voltage</td>
<td>250V AC/300V DC</td>
</tr>
<tr>
<td>Poles</td>
<td>3 + Ground</td>
</tr>
<tr>
<td>Max. Wire Sect.</td>
<td>0.75mm²</td>
</tr>
<tr>
<td>Mate with</td>
<td>Form Micro 3 Poles</td>
</tr>
</tbody>
</table>

B293 base with external fixing screw for assembly on flat surface. B393 for assembly on surface with hole Diam. 15mm.
HIGH QUALITY SOLENOID VALVE ADAPTORS ENSURE FLEXIBILITY AND PROTECTION

The mPm® DIN valve adaptors are developed in compliance with current standards and specifications to guarantee a high level of performance, reliability and availability. Adaptors provide easier assembly and mounting at lower applied costs.
mPm®
DIN Adaptors
Conform to EN 175301-803 (ex DIN 43650)

The adaptors with protective circuit are wafer interfaces which fit between the solenoid and the power connector. Thus providing the opportunity to upgrade with protection and indicator facilities with a minimum assembly time whilst retaining the existing component.
DIN Adaptors with protective circuit. The range covers the most important and common applications.

Specifications

**ELECTRICAL**

- See following pages

**PHYSICAL**

- Durability: min. 50 cycles
- Live Contact Distance:
  - Form A: 18.00mm
  - Form Industrial: 11.00mm
  - Form B: 10.00mm
  - Form Micro: 9.40mm

**SERIES**

- A01, A02, A03, A04, A05, A06, A07, A08, A09, A10, A11

**CIRCUIT**

- See below in the page

**VOLTAGE & LED COLOR**

- See here below

<table>
<thead>
<tr>
<th>SUPPLY VOLTAGE AND LED COLOR</th>
<th>A01</th>
<th>C3</th>
<th>C4</th>
<th>G2</th>
<th>S0</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = 12V</td>
<td>Red LED</td>
<td>A = 12V</td>
<td>G = 12V</td>
<td>Bipolar LED for signal of power applied on the application</td>
<td></td>
</tr>
<tr>
<td>2 = 24V</td>
<td>Green LED</td>
<td>B = 24V</td>
<td>H = 24V</td>
<td>Polarized LED and blocking diode to protect against peak of overvoltage when switching off</td>
<td>Bipolar LED and VDR to protect against peak of overvoltage when switching off</td>
</tr>
<tr>
<td>3 = 48V</td>
<td></td>
<td>C = 48V</td>
<td>K = 48V</td>
<td>Bipolar LED and VDR to protect against peak of overvoltage when switching off</td>
<td>Bipolar LED and VDR to protect against peak of overvoltage when switching off</td>
</tr>
<tr>
<td>4 = 115V</td>
<td></td>
<td>D = 115V</td>
<td>L = 115V</td>
<td>Bipolar LED and RC circuit to dissipate energy created when switching off</td>
<td>Bipolar LED and Transil Diode to protect against peak of overvoltage when switching off</td>
</tr>
<tr>
<td>5 = 230V</td>
<td></td>
<td>E = 230V</td>
<td>M = 230V</td>
<td>Bipolar LED and Transil Diode to protect against peak of overvoltage when switching off</td>
<td>Bipolar LED and Transil Diode to protect against peak of overvoltage when switching off</td>
</tr>
</tbody>
</table>
DIN Adaptors with protective circuit. The range covers the most important and common applications.

### Light Adaptor A01 Series for Form Micro DIN Connectors

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A01C4H</td>
<td>121001-0024</td>
</tr>
<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A01C4L</td>
<td>121001-0025</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>A01C4M</td>
<td>121001-0406</td>
</tr>
</tbody>
</table>

### Light Adaptor A02 Series for Form Industrial DIN Connectors

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</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A02C4H</td>
<td>121001-0056</td>
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<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A02C4L</td>
<td>121001-0057</td>
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<td></td>
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<td>230V AC/DC</td>
<td>yellow</td>
<td>A02C4M</td>
<td>121001-0058</td>
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</table>
DIN Adaptors with protective circuit. The range covers the most important and common applications.

**Light Adaptor A03 Series**
for Form Industrial DIN Connectors

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</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A03C4H</td>
<td>121001-0098</td>
</tr>
<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A03C4L</td>
<td>121001-0099</td>
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<tr>
<td></td>
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<td>230V AC/DC</td>
<td>yellow</td>
<td>A03C4M</td>
<td>121001-0100</td>
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**Light Adaptor A04 Series**
for Form Industrial DIN Connectors

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</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A04C4H</td>
<td>121001-0136</td>
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<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A04C4L</td>
<td>121001-0137</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>A04C4M</td>
<td>121001-0138</td>
</tr>
</tbody>
</table>
DIN Adaptors with protective circuit. The range covers the most important and common applications.

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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A05C4H</td>
<td>121001-0172</td>
</tr>
<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A05C4L</td>
<td>121001-0438</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>A05C4M</td>
<td>121001-0174</td>
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Light Adaptor A05 Series for Form Industrial DIN Connectors

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</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A06C4H</td>
<td>121001-0219</td>
</tr>
<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A06C4L</td>
<td>121001-0220</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>A06C4M</td>
<td>121001-0221</td>
</tr>
</tbody>
</table>

Light Adaptor A06 Series for Form A DIN Connectors
DIN Adaptors with protective circuit. The range covers the most important and common applications.

**Light Adaptor A07 Series for Form A DIN Connectors**

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</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A07C4H</td>
<td>121001-0262</td>
</tr>
<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A07C4L</td>
<td>121001-0263</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>A07C4M</td>
<td>121001-0264</td>
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</table>

**Light Adaptor A08 Series for Form B DIN Connectors**

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</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A08C4H</td>
<td>121001-0292</td>
</tr>
<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A08C4L</td>
<td>121001-0439</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>A08C4M</td>
<td>121001-0294</td>
</tr>
</tbody>
</table>
DIN Adaptors with protective circuit. The range covers the most important and common applications.

Light Adaptor A09 Series for Form B DIN Connectors

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<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A09C4H</td>
<td>121001-0440</td>
</tr>
<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A09C4L</td>
<td>121001-0441</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>A09C4M</td>
<td>121001-0327</td>
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</table>

Light Adaptor A10 Series for Form B DIN Connectors

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</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A10C4H</td>
<td>121001-0353</td>
</tr>
<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A10C4L</td>
<td>121001-0442</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>A10C4M</td>
<td>121001-0443</td>
</tr>
</tbody>
</table>
DIN Adaptors with protective circuit. The range covers the most important and common applications.

**Light Adaptor A11 Series for Form B DIN Connectors**

<table>
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</thead>
<tbody>
<tr>
<td>2</td>
<td>C4</td>
<td>24V AC/DC</td>
<td>yellow</td>
<td>A11C4H</td>
<td>121001-0354</td>
</tr>
<tr>
<td></td>
<td></td>
<td>115V AC/DC</td>
<td>yellow</td>
<td>A11C4L</td>
<td>121001-0444</td>
</tr>
<tr>
<td></td>
<td></td>
<td>230V AC/DC</td>
<td>yellow</td>
<td>A11C4M</td>
<td>121001-0445</td>
</tr>
<tr>
<td>Gasket Type</td>
<td>For Connectors</td>
<td>Material</td>
<td>Standard Order No.</td>
<td>Packaging Style</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------------------------</td>
<td>----------</td>
<td>-------------------</td>
<td>----------------------------------</td>
<td></td>
</tr>
<tr>
<td>Non loosing</td>
<td>Form A with retention feature</td>
<td>NBR</td>
<td>121129-0334</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silicone</td>
<td>121129-0289</td>
<td>1 Unit = 1 Bag with 50pcs</td>
<td></td>
</tr>
<tr>
<td>Non loosing</td>
<td>Form Industrial with retention</td>
<td>NBR</td>
<td>121129-0264</td>
<td>1 Unit = 1 Bag with 50pcs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>feature</td>
<td>Silicone</td>
<td>121129-0296</td>
<td>1 Unit = 1 Bag with 50pcs</td>
<td></td>
</tr>
<tr>
<td>Profile</td>
<td>Form A</td>
<td>NBR</td>
<td>121129-0080</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silicone</td>
<td>121129-0081</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td>Flat</td>
<td>Form A</td>
<td>NBR</td>
<td>121129-0078</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silicone</td>
<td>121129-0079</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td>Profile</td>
<td>Form B and Industrial</td>
<td>NBR</td>
<td>121129-0084</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silicone</td>
<td>121129-0085</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td>Flat</td>
<td>Form Industrial</td>
<td>NBR</td>
<td>121129-0082</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
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<td></td>
<td></td>
<td>Silicone</td>
<td>121129-0083</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td>Flat</td>
<td>Form B</td>
<td>NBR</td>
<td>121129-0112</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Silicone</td>
<td>121129-0113</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td>Profile</td>
<td>Form C and Micro</td>
<td>NBR</td>
<td>121129-0098</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td></td>
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<td>Silicone</td>
<td>121129-0099</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td>Flat</td>
<td>Form Micro</td>
<td>NBR</td>
<td>121129-0096</td>
<td>1 Unit = 1 Bag with 100pcs</td>
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<td></td>
<td></td>
<td>Silicone</td>
<td>121129-0097</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
<tr>
<td>Flat</td>
<td>Form C</td>
<td>NBR</td>
<td>121129-0118</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
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<td></td>
<td></td>
<td>Silicone</td>
<td>121129-0119</td>
<td>1 Unit = 1 Bag with 100pcs</td>
<td></td>
</tr>
</tbody>
</table>

Gasket and screws, bagged spare parts for DIN valve connectors. Spare parts are developed specifically for and can be used only with mPm DIN valve connectors.
**mPm® DIN Spare Parts**

Gasket and screws, bagged spare parts for DIN valve connectors. Spare parts are developed specifically for and can be used only with mPm DIN valve connectors.

<table>
<thead>
<tr>
<th>Screw Type</th>
<th>Length</th>
<th>Note</th>
<th>Standard Order No.</th>
<th>Packaging Style</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2.5</td>
<td>22.50mm</td>
<td>Steel - Zinc plated</td>
<td>121129-0033</td>
<td>1 Unit = 1 Bag with 100pcs</td>
</tr>
<tr>
<td>M2.5</td>
<td>25.00mm</td>
<td>Steel - Zinc plated</td>
<td>121129-0002</td>
<td>1 Unit = 1 Bag with 100pcs</td>
</tr>
<tr>
<td>M3</td>
<td>20.00mm</td>
<td>Steel - Zinc plated</td>
<td>121129-0030</td>
<td>1 Unit = 1 Bag with 100pcs</td>
</tr>
<tr>
<td>M3</td>
<td>25.00mm</td>
<td>Steel - Zinc plated</td>
<td>121129-0007</td>
<td>1 Unit = 1 Bag with 100pcs</td>
</tr>
<tr>
<td>M3</td>
<td>27.00mm</td>
<td>Steel - Zinc plated</td>
<td>121129-0010</td>
<td>1 Unit = 1 Bag with 100pcs</td>
</tr>
<tr>
<td>M3</td>
<td>29.00mm</td>
<td>Steel - Zinc plated</td>
<td>121129-0001</td>
<td>1 Unit = 1 Bag with 100pcs</td>
</tr>
<tr>
<td>M3</td>
<td>31.00mm</td>
<td>Steel - Zinc plated</td>
<td>121129-0003</td>
<td>1 Unit = 1 Bag with 100pcs</td>
</tr>
<tr>
<td>M3</td>
<td>27.00mm</td>
<td>Steel - Zinc plated With additional sealing grommet</td>
<td>121129-0237</td>
<td>1 Unit = 1 Bag with 100pcs</td>
</tr>
<tr>
<td>M3</td>
<td>30.00mm</td>
<td>Steel - Zinc plated With additional sealing grommet</td>
<td>121129-0069</td>
<td>1 Unit = 1 Bag with 100pcs</td>
</tr>
<tr>
<td>M3</td>
<td>31.00mm</td>
<td>Steel - Zinc plated With additional sealing grommet</td>
<td>121129-0262</td>
<td>1 Unit = 1 Bag with 100pcs</td>
</tr>
</tbody>
</table>
Ground PIN Position

Ground PIN position must be specified. For the range of mPm DIN valve connectors the position is noted looking at the face view of the connector with the cable gland (or cable exit) down below. In the H6 position the ground pin is at the bottom. In the H12 position the ground pin is at the top. Please note that the ground PIN position can be rotated 90° or 180° depending on the connector type.

For additional information on Molex Brad® product range please request a copy of the Molex Brad® Automation Catalogue from your local Sales representative.

All dimensions and product information included in this catalogue are for reference only. More detailed sales drawings are available for download on www.molex.com or upon request from your local Sales representative.

From time to time Molex reserves the right to add new part numbers or obsolete part numbers based on market demand, please check availability on www.molex.com.