**PLUSCON circular**

Circular connectors

M16 – M58 for industrial applications

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### Plastic-molded signal/power connectors

<table>
<thead>
<tr>
<th>Description</th>
<th>Signal connectors</th>
<th>Power connectors</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MS5 9257 series</td>
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<td>MS5 9257 SMC series</td>
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<tr>
<td></td>
<td>MS7 high-pres. 9257 series</td>
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#### Description
- Standard with external conductive housing
- Suitable for use with a wide range of applications
- IP54 protection
- M16 – M58 connectors
- Housing types
  - Cable connector (male) straight
  - Cable connector (male) angled
  - Cable connector (male) angled
- Number of positions
  - 6-/7 posi. 6+3 to 19-pos.
  - 6-/7 posi. 6+3 to 19-pos.
  - 6-/7 posi. 6+3 to 19-pos.
- Operating voltage
  - 0.08 – 2.5 mm²
- Cable Ø approx. 4.8 – 13.1 mm
- Housing types
  - Cable connector (male) straight
  - Cable connector (male) angled
  - Cable connector (male) angled

#### Housing types
- Standard with external conductive housing
- Suitable for use with a wide range of applications
- IP54 protection
- M16 – M58 connectors
- Number of positions
  - 8-/10-/12-/14-pos.
  - 8-/10-/12-/14-pos.
  - 8-/10-/12-/14-pos.
- Operating voltage
  - 0.08 – 2.5 mm²
- Cable Ø approx. 4.8 – 13.1 mm
- Housing types
  - Cable connector (male) straight
  - Cable connector (male) angled
  - Cable connector (male) angled

#### Number of positions
- 6-/7 posi. 6+3 to 19-pos.
- 6-/7 posi. 6+3 to 19-pos.
- 6-/7 posi. 6+3 to 19-pos.

#### Operating voltage
- 0.08 – 2.5 mm²
- Cable Ø approx. 4.8 – 13.1 mm

Further information on the products introduced here and on the world of solutions from Phoenix Contact can be found at [www.phoenixcontact.com](http://www.phoenixcontact.com)

Or contact us directly!
**M16 to M58 circular connectors for industrial applications**

The PHOENIX CONTACT connectors are available in a range of types including M16, M17, M23, M40, and M58. These connectors are specifically designed for industrial applications such as drives, motor connections, and manufacturing. They are capable of transmitting 630 V in a short period of time.

### Modular signal connectors

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Symbol</th>
<th>Accessories</th>
<th>Features</th>
</tr>
</thead>
</table>
| M223 | 6-/7-/8+1-pos. | ![Image](image1.png) |  | - Quick locking
- Interchangeable pins
- M17 x 1 control thread
- Bayonet universally shielded
- Complete range of flexible machine and modules connections
- Housing types - housing, contact insert.
- Standard: 50, more on request
- Coupling connectors, cable connectors, and receptacles
- Conformity to EN 60 388 standards
- IP67
| M222 | 6+3 to 19-pos. | ![Image](image2.png) |  | - Quick locking
- Interchangeable pins
- M17 x 1 control thread
- Bayonet universally shielded
- Complete range of flexible machine and modules connections
- Housing types - housing, contact insert.
- Standard: 50, more on request
- Coupling connectors, cable connectors, and receptacles
- Conformity to EN 60 388 standards
- IP67
| M221 | 20 8 / 20 8 | ![Image](image3.png) |  | - Quick locking
- Interchangeable pins
- M17 x 1 control thread
- Bayonet universally shielded
- Complete range of flexible machine and modules connections
- Housing types - housing, contact insert.
- Standard: 50, more on request
- Coupling connectors, cable connectors, and receptacles
- Conformity to EN 60 388 standards
- IP67

### Signal connectors

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Symbol</th>
<th>Accessories</th>
<th>Features</th>
</tr>
</thead>
</table>
| M224 | 6-/7-pos. | ![Image](image4.png) |  | - Quick locking
- Interchangeable pins
- M17 x 1 control thread
- Bayonet universally shielded
- Complete range of flexible machine and modules connections
- Housing types - housing, contact insert.
- Standard: 50, more on request
- Coupling connectors, cable connectors, and receptacles
- Conformity to EN 60 388 standards
- IP67
| M225 | 6+3-/8+1-pos. | ![Image](image5.png) |  | - Quick locking
- Interchangeable pins
- M17 x 1 control thread
- Bayonet universally shielded
- Complete range of flexible machine and modules connections
- Housing types - housing, contact insert.
- Standard: 50, more on request
- Coupling connectors, cable connectors, and receptacles
- Conformity to EN 60 388 standards
- IP67
| M226 | 12 to 19-pos. | ![Image](image6.png) |  | - Quick locking
- Interchangeable pins
- M17 x 1 control thread
- Bayonet universally shielded
- Complete range of flexible machine and modules connections
- Housing types - housing, contact insert.
- Standard: 50, more on request
- Coupling connectors, cable connectors, and receptacles
- Conformity to EN 60 388 standards
- IP67

### Power connectors

<table>
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<th>Type</th>
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<th>Features</th>
</tr>
</thead>
</table>
| M227 | 2+3+PE 4+3+PE | ![Image](image7.png) |  | - Quick locking
- Interchangeable pins
- M17 x 1 control thread
- Bayonet universally shielded
- Complete range of flexible machine and modules connections
- Housing types - housing, contact insert.
- Standard: 50, more on request
- Coupling connectors, cable connectors, and receptacles
- Conformity to EN 60 388 standards
- IP67
| M228 | 5+PE 4+3+PE | ![Image](image8.png) |  | - Quick locking
- Interchangeable pins
- M17 x 1 control thread
- Bayonet universally shielded
- Complete range of flexible machine and modules connections
- Housing types - housing, contact insert.
- Standard: 50, more on request
- Coupling connectors, cable connectors, and receptacles
- Conformity to EN 60 388 standards
- IP67
| M229 | 20 14 3,6/14 | ![Image](image9.png) |  | - Quick locking
- Interchangeable pins
- M17 x 1 control thread
- Bayonet universally shielded
- Complete range of flexible machine and modules connections
- Housing types - housing, contact insert.
- Standard: 50, more on request
- Coupling connectors, cable connectors, and receptacles
- Conformity to EN 60 388 standards
- IP67

### Additional notes

- Power connectors M16, M17, M23, M40, and M58 type power connectors are available.
- The range provides ideal combinations for connecting electrical drive components with transmission capacities of up to 150 A at 630 V in a short period of time.