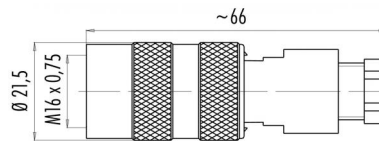


|         |   |                |               |
|---------|---|----------------|---------------|
| Product | Female cable connector, cable outlet 4-6 mm (.16-.24 in.) | Pole           | 12            |
| Area    | M16 connectors IP 67<br>serie 723                         | Article number | 09 0130 25 12 |

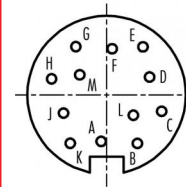
illustration



scale drawing



Contact Arrangement



|   | X     | Y     |
|---|-------|-------|
| A | -0,41 | -3,45 |
| B | 2,29  | -3,61 |
| C | 4,10  | -1,21 |
| D | 3,20  | 1,34  |
| E | 2,71  | 3,59  |
| F | 0,41  | 3,45  |
| G | -2,29 | 3,61  |
| H | -4,10 | 1,21  |
| J | -3,20 | -1,34 |
| K | -2,71 | -3,59 |
| L | -2,00 | -1,51 |
| M | -2,00 | 1,51  |

You can find the item description on the next page.

Technical data

Common values

|                          |                        |
|--------------------------|------------------------|
| Connector Design         | Female cable connector |
| Connector locking system | Screw                  |
| Termination              | solder                 |
| Wire gauge (mm)          | 0,25 mm <sup>2</sup>   |
| Wire gauge (AWG)         | 24                     |
| Cable outlet             | 4 - 6 mm               |
| Upper temperature        | +95 °C                 |
| Lower temperature        | -40 °C                 |

Material

|                          |                 |
|--------------------------|-----------------|
| Material of contact      | CuSn (bronze)   |
| Contact plating          | Au (gold)       |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing      | PA (UL 94 HB)   |

Cable data

Contacts 12, female cable connector, cable outlet 4 - 6 mm, gold plated contacts

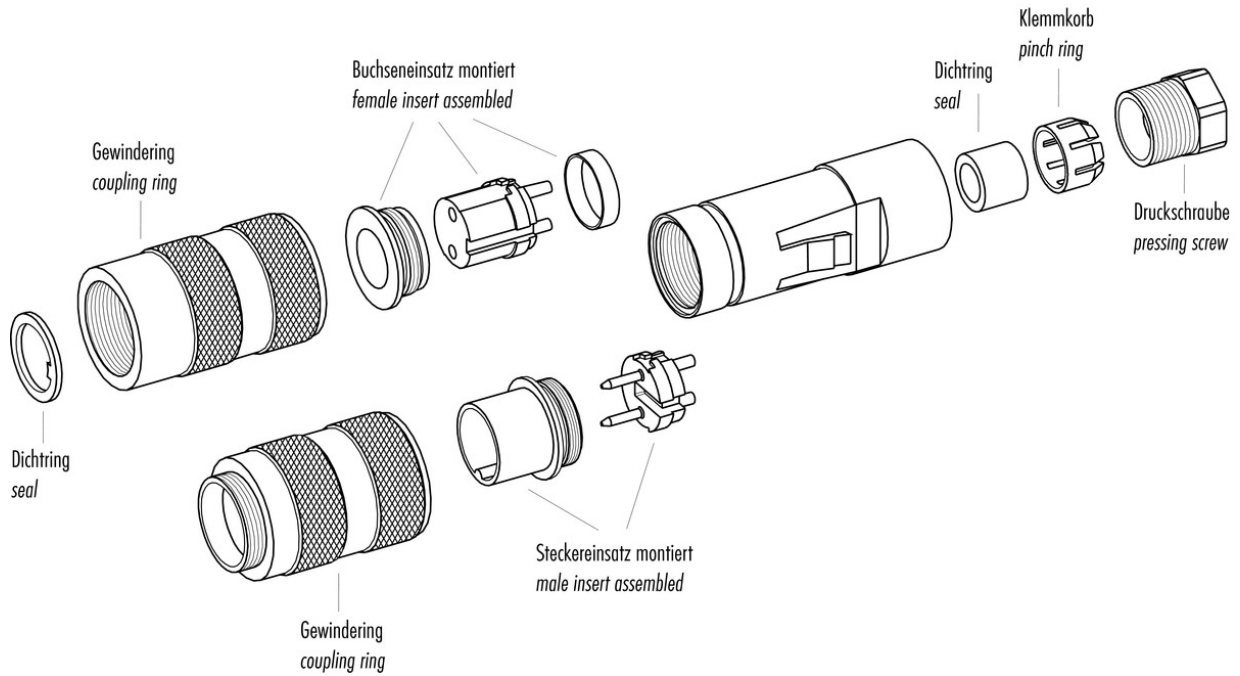
Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 60 V               |
| Rated impulse voltage | 500 V              |
| Pollution degree      | 1                  |
| Overvoltage category  | I                  |
| Material group        | III                |
| Rated current (40°C)  | 3 A                |
| Volume resistivity    | ≤ 3 mΩ             |
| EMV compliance        | not shielded       |
| Degree of protection  | IP 67              |
| Mechanical operation  | >500 mating cycles |



|              |   |                     |                     |
|--------------|---|---------------------|---------------------|
| Product Area | Female cable connector, cable outlet 4-6 mm (.16-.24 in.)<br>M16 connectors IP 67 serie 723 | Pole Article number | 12<br>09 0130 25 12 |
|--------------|---|---------------------|---------------------|

Item description



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