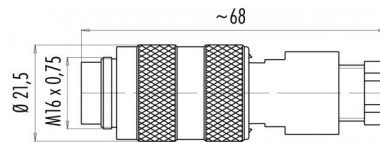


|              |  |           |                     |                     |
|--------------|--|-----------|---------------------|---------------------|
| Product Area | Male cable connector<br>M16 connectors IP 67 | serie 723 | Pole Article number | 24<br>09 0495 70 24 |
|--------------|--|-----------|---------------------|---------------------|

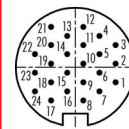
illustration



scale drawing



Contact Arrangement



|    | X     | Y     |
|----|-------|-------|
| 1  | 4,00  | -1,50 |
| 2  | 4,00  | 0,35  |
| 3  | 4,00  | 2,20  |
| 4  | 2,40  | 3,10  |
| 5  | 2,40  | 1,30  |
| 6  | 2,40  | -0,55 |
| 7  | 2,40  | -2,40 |
| 8  | 0,80  | -3,30 |
| 9  | 0,80  | -1,50 |
| 10 | 0,80  | 0,35  |
| 11 | 0,80  | 2,20  |
| 12 | 0,80  | 4,00  |
| 13 | -0,80 | 3,10  |
| 14 | -0,80 | 1,30  |
| 15 | -0,80 | -0,55 |
| 16 | -0,80 | -2,40 |
| 17 | -2,40 | -3,30 |
| 18 | -2,40 | -1,50 |
| 19 | -2,40 | 0,35  |
| 20 | -2,40 | 2,20  |
| 21 | -2,40 | 4,00  |
| 22 | -4,00 | 1,30  |
| 23 | -4,00 | -0,55 |
| 24 | -4,00 | -2,40 |

You can find the item description on the next page.

Technical data

Common values

|                          |                      |
|--------------------------|----------------------|
| Connector Design         | Male cable connector |
| Connector locking system | Screw                |
| Termination              | solder               |
| Wire gauge (mm)          | 0,14 mm <sup>2</sup> |
| Wire gauge (AWG)         | 26                   |
| Cable outlet             | 6 - 8 mm             |
| Upper temperature        | +95 °C               |
| Lower temperature        | -40 °C               |

Material

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

Cable data

Contacts 24, male cable connector, cable outlet 6 - 8 mm, gold plated contacts

Electrical values

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



Product  
Area

Male cable connector  
M16 connectors IP 67

serie 723

Pole  
Article number

24  
09 0495 70 24

Date: 2014-07-20 - Page 2 of 2

Item description

