

**Product sheet**  
**Miniature connector**



|         |   |                |                            |
|---------|---|----------------|----------------------------|
| Product | <b>Contacts: 4, female cable connector, cable outlet 6 - 8 mm</b> | Area           | <b>M16 IP67 Series 723</b> |
| Pole    | <b>4</b>  | Article number | <b>09 0110 70 04</b>       |

| Illustration | Scale drawing | Contact Arrangement   |  |   |   |   |       |       |   |       |      |   |      |      |   |      |       |
|--------------|---------------|---|--|---|---|---|-------|-------|---|-------|------|---|------|------|---|------|-------|
|              |               | <table border="1" style="margin-left: 20px;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-3,32</td> <td>-1,08</td> </tr> <tr> <td>2</td> <td>-2,05</td> <td>2,83</td> </tr> <tr> <td>3</td> <td>2,05</td> <td>2,83</td> </tr> <tr> <td>4</td> <td>3,32</td> <td>-1,08</td> </tr> </tbody> </table> |  | X | Y | 1 | -3,32 | -1,08 | 2 | -2,05 | 2,83 | 3 | 2,05 | 2,83 | 4 | 3,32 | -1,08 |
|              | X             | Y   |  |   |   |   |       |       |   |       |      |   |      |      |   |      |       |
| 1            | -3,32         | -1,08   |  |   |   |   |       |       |   |       |      |   |      |      |   |      |       |
| 2            | -2,05         | 2,83  |  |   |   |   |       |       |   |       |      |   |      |      |   |      |       |
| 3            | 2,05          | 2,83  |  |   |   |   |       |       |   |       |      |   |      |      |   |      |       |
| 4            | 3,32          | -1,08   |  |   |   |   |       |       |   |       |      |   |      |      |   |      |       |

**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)          | 0.75 mm <sup>2</sup>   |
| Wire gauge (AWG)         | 20                     |
| Cable outlet             | 6 - 8 mm               |
| Upper temperature        | 95 °C                  |
| Lower temperature        | -40 °C                 |

### Electrical values

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 250 V               |
| Rated impulse voltage | 1500 V              |
| Pollution degree      | 1                   |
| Overvoltage category  | I                   |
| Material group        | III                 |
| Rated current (40°C)  | 6 A                 |
| Volume resistivity    | ≤ 5 mΩ              |
| EMV compliance        | not shielded        |
| Degree of protection  | IP67                |
| Mechanical operation  | > 500 mating cycles |

### Material

|                          |                 |
|--------------------------|-----------------|
| Material of contact      | CuSn (Bronze)   |
| Contact plating          | Ag (Silver)     |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing      | PA (UL 94 HB)   |

Contacts: 4, female cable connector, cable outlet 6 - 8 mm, silver plated contacts

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