

|         |   |                |               |
|---------|---|----------------|---------------|
| Product | Male cable connector with solder eye, cable outlet 4-6 mm | Pole           | 7             |
| Area    | M16 connectors IP 40 serie 581                            | Article number | 99 2025 00 07 |

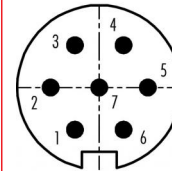
illustration



scale drawing



Contact Arrangement



|   | X     | Y     |
|---|-------|-------|
| 1 | -1,75 | -3,03 |
| 2 | -3,50 | 0,00  |
| 3 | -1,75 | 3,03  |
| 4 | 1,75  | 3,03  |
| 5 | 3,50  | 0,00  |
| 6 | 1,75  | -3,03 |
| 7 | 0,00  | 0,00  |

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)          | 0,75 mm <sup>2</sup> |
| Wire gauge (AWG)         | 20                   |
| Cable outlet             | 4 - 6 mm             |
| Upper temperature        | +85 °C               |
| Lower temperature        | -40 °C               |

Material

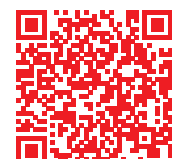
|                          |                            |
|--------------------------|----------------------------|
| Material of contact      | CuZn (brass)               |
| Contact plating          | Ag (silver)                |
| Material of contact body | PBT (UL 94 V-0)            |
| Material of housing      | CUZn (brass nickel plated) |

Cable data

Contacts 7, male cable connector with solder eye ring, shieldable, cable outlet 4 - 6 mm, silver plated contacts

Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 125 V              |
| Rated impulse voltage | 800 V              |
| Pollution degree      | 1                  |
| Overvoltage category  | I                  |
| Material group        | III                |
| Rated current (40°C)  | 5 A                |
| Volume resistivity    | ≤ 5 mΩ             |
| EMV compliance        | shielded           |
| Degree of protection  | IP 40              |
| Mechanical operation  | >500 mating cycles |



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Pole 7  
Article number 99 2025 00 07

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Item description

