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|--------------|---|-----------|---------------------|------------------------|
| Product Area | Male cable connector with solder eye, cable outlet 4-6 mm M16 connectors IP 40 | serie 581 | Pole Article number | 3 DIN 99 2005 09 03 |
|--------------|---|-----------|---------------------|------------------------|

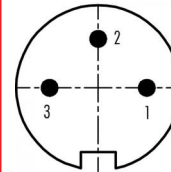
illustration



scale drawing



Contact Arrangement



| | X | Y |
|---|-------|------|
| 1 | 3,50 | 0,00 |
| 2 | 0,00 | 3,50 |
| 3 | -3,50 | 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 ² |
| 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 | Au (gold) |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing | CUZn (brass nickel plated) |

Cable data

Contacts 3 DIN, male cable connector with solder eye ring, shieldable, cable outlet 4 - 6 mm, gold plated contacts

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 250 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | I |
| Overvoltage category | I |
| Material group | III |
| Rated current (40°C) | 7 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | shielded |
| Degree of protection | IP 40 |
| Mechanical operation | >500 mating cycles |



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Area M16 connectors IP 40 serie 581

Pole 3 DIN
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Item description

