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|---------|---|----------------|--------------------------------|
| Product | Contacts: 6, Female angled connector, overmoulded, screw type, M8x1, with hexagonal die-cast threaded ring | Area | M8 Series 718 |
| Pole | 6 | Article number | 77 3408 0000 50006-0200 |

| Illustration | Scale drawing | Contact Arrangement | | | | | | | | | | | | |
|--------------|---------------|---|---|-------------|---|------------|---|-----------|---|---------------|---|-----------|---|-----------|
| | | <table style="margin-left: auto; margin-right: 0;"> <tr><td>1</td><td>braun/brown</td></tr> <tr><td>2</td><td>weiß/white</td></tr> <tr><td>3</td><td>blau/blue</td></tr> <tr><td>4</td><td>schwarz/black</td></tr> <tr><td>5</td><td>grau/grey</td></tr> <tr><td>6</td><td>rosa/pink</td></tr> </table> | 1 | braun/brown | 2 | weiß/white | 3 | blau/blue | 4 | schwarz/black | 5 | grau/grey | 6 | rosa/pink |
| 1 | braun/brown | | | | | | | | | | | | | |
| 2 | weiß/white | | | | | | | | | | | | | |
| 3 | blau/blue | | | | | | | | | | | | | |
| 4 | schwarz/black | | | | | | | | | | | | | |
| 5 | grau/grey | | | | | | | | | | | | | |
| 6 | rosa/pink | | | | | | | | | | | | | |

Technical data

Common values

| | |
|--------------------------|--------------------------------|
| Connector Design | Female angled connector |
| Connector locking system | screw |
| Termination | crimp, injection-moulded cable |
| Wire gauge (mm) | 0.25 mm ² |
| Wire gauge (AWG) | 24 |
| Cable outlet | - |
| Upper temperature | 85 °C |
| Lower temperature | -25 °C |

Electrical values

| | |
|-----------------------|---------------------|
| Rated voltage | 30 V |
| Rated impulse voltage | 800 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | II |
| Rated current (40°C) | 1.5 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | nicht geschirmt |
| Degree of protection | IP67 |
| Mechanical operation | > 100 mating cycles |

Cable data

| | |
|--|-------------|
| material housing | PUR |
| Insulation single lead | PP |
| Single lead structure | 32 x 0.1 |
| Cable sheath Ø | 5 |
| Conductor resistance | 60Ω/Km |
| Temperature range cable movable c from | -25 |
| Temperature range cable movable c to | 80 |
| Temperature range cable fixed c from | -50 |
| Temperature range cable fixed c to | 80 |
| Bending radius cable fixed | min. 5 x D |
| Bending radius cable movable | min. 10 x D |
| Approval | UL, CSA |

Material

| | |
|--------------------------|--------------|
| Material of contact | CuZn (Brass) |
| Contact plating | Au (Gold) |
| Material of contact body | PUR |
| Material of housing | PUR |

Contacts: 6, Cable length 2 m, cable: 6 x 0.25, PUR cable sheath, female angled connector, overmoulded, screw type M8 x 1, with hexagonal die-cast threaded ring