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|---------|--|----------------|----------------------------|
| Product | Contacts: 6 DIN, Female cable connector, shielded | Area | M16 IP67 Series 425 |
| Pole | 6 | Article number | 79 6118 20 06 |

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

Technical data

Common values

| | |
|--------------------------|------------------------|
| Connector Design | Female cable connector |
| Connector locking system | screw |
| Termination | overmoulded on cable |
| Wire gauge (mm) | 0.25 mm ² |
| Wire gauge (AWG) | 24 |
| Upper temperature | 70 °C |
| Lower temperature | -25 °C |

Cable data

| | |
|--|--------------|
| material housing | PUR |
| Insulation single lead | PVC |
| Single lead structure | 14 x 0.15 mm |
| Cable sheath Ø | 5.3 |
| Temperature range cable movable c from | -5 |
| Temperature range cable movable c to | 70 |
| Temperature range cable fixed c from | -20 |
| Temperature range cable fixed c to | 70 |
| Bending radius cable fixed | 53 |
| Bending radius cable movable | 80 |

Electrical values

| | |
|-----------------------|---------------------|
| Rated voltage | 250 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | 1 |
| Overvoltage category | I |
| Material group | III |
| Rated current (40°C) | 3 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | shielded |
| Degree of protection | IP67 |
| Mechanical operation | > 500 mating cycles |

Material

| | |
|--------------------------|-----------------|
| Material of contact | CuSn (Bronze) |
| Contact plating | Au (Gold) |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing | PUR |

Contacts: 6 DIN, Female cable connector, shielded, cable 6 x 0.25 mm²