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|---------|--|----------------|--------------------------------|
| Product | Contacts: 3, female cable connector overmoulded | Area | M12-A Series 763 |
| Pole | 3 | Article number | 77 3430 0000 50003-0200 |

| Illustration | Scale drawing | Contact Arrangement |
|--------------|---------------|--|
| | | <p> 1 braun/brown 3 blau/blue 4 schwarz/black </p> |

Technical data

Common values

| | |
|--------------------------|--------------------------------|
| Connector Design | Female cable connector |
| Connector locking system | screw |
| Termination | crimp, injection-moulded cable |
| Wire gauge (mm) | 0.34 mm ² |
| Wire gauge (AWG) | 22 |
| Upper temperature | 85 °C |
| Lower temperature | -25 °C |

Cable data

| | |
|--|----------|
| material housing | PUR |
| Insulation single lead | PUR |
| Single lead structure | 42 x 0.1 |
| Cable sheath Ø | 4.5 |
| Conductor resistance | 55Ω/Km |
| Temperature range cable movable c from | -5 |
| Temperature range cable movable c to | 70 |
| Temperature range cable fixed c from | -25 |
| Temperature range cable fixed c to | 70 |
| Bending radius cable fixed | 22 mm |
| Bending radius cable movable | 45 mm |

Electrical values

| | |
|-----------------------|---------------------|
| Rated voltage | 250 V |
| Rated impulse voltage | 2500 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | II |
| Rated current (40°C) | 4 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP68 |
| Mechanical operation | > 100 mating cycles |

Material

| | |
|--------------------------|---------------|
| Material of contact | CuSn (Bronze) |
| Contact plating | Au (Gold) |
| Material of contact body | PUR |
| Material of housing | PUR |

Contacts: 3, Cable length 2 m, cable: 3 x 0.34 mm², PUR, female cable connector, overmoulded