

Product sheet

Subminiature connector



| | | | |
|---------|---|----------------|--------------------------------|
| Product | Contacts: 3, female cable connector, injection-moulded cable | Area | Snap-in IP67 Series 620 |
| Pole | 3 | Article number | 79 9238 020 03 |

| Illustration | Scale drawing | Contact Arrangement | | | | | | |
|--------------|-----------------------|---|---|---------------------|---|-------------------|---|-----------------------|
| | | <table style="margin-left: auto; margin-right: 0;"> <tr> <td style="padding-right: 10px;">1</td> <td>braun/<i>brown</i></td> </tr> <tr> <td>2</td> <td>blau/<i>blue</i></td> </tr> <tr> <td>3</td> <td>schwarz/<i>black</i></td> </tr> </table> | 1 | braun/ <i>brown</i> | 2 | blau/ <i>blue</i> | 3 | schwarz/ <i>black</i> |
| 1 | braun/ <i>brown</i> | | | | | | | |
| 2 | blau/ <i>blue</i> | | | | | | | |
| 3 | schwarz/ <i>black</i> | | | | | | | |

You can find the item description on the next page.

Technical data

Common values

| | |
|--------------------------|------------------------|
| Connector Design | Female cable connector |
| Connector locking system | Snap |
| Wire gauge (mm) | 0.25 mm ² |
| Wire gauge (AWG) | 24 |
| Cable outlet | - |
| Upper temperature | 70 °C |
| Lower temperature | -40 °C |

Cable data

| | |
|--|---------------|
| material housing | PVC |
| Insulation single lead | PVC |
| Single lead structure | 2 x 0.1 mm |
| Cable sheath Ø | 4.5 |
| Conductor resistance | 72Ω/Km (20°C) |
| Temperature range cable movable c from | -5 |
| Temperature range cable movable c to | 70 |
| Temperature range cable fixed c from | -40 |
| Temperature range cable fixed c to | 70 |
| Bending radius cable fixed | 22 |
| Bending radius cable movable | 45 |
| Approval | - |

Electrical values

| | |
|-----------------------|---------------------|
| Rated voltage | 125 V |
| Rated impulse voltage | 1500 V |
| Pollution degree | 2 |
| Overvoltage category | II |
| Material group | II |
| Rated current (40°C) | 3 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shieldable |
| Degree of protection | IP67 |
| Mechanical operation | > 500 mating cycles |

Material

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

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