

Product  
Pole

Polzahl: 12, Kabelstecker umspritzt  
12

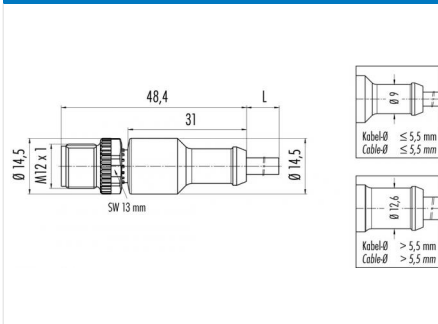
Area  
Article number

M12-A Series 763  
77 3429 0000 50712-0200

### Illustration



### Scale drawing



## Technical data

### Common values

|                          |                                |
|--------------------------|--------------------------------|
| Connector locking system | screw                          |
| Termination              | crimp, injection-moulded cable |
| Wire gauge (mm)          | 0.25 mm <sup>2</sup>           |
| Wire gauge (AWG)         | 24                             |
| Upper temperature        | 85 °C                          |
| Lower temperature        | -25 °C                         |

### Cable data

|                                        |            |
|----------------------------------------|------------|
| material housing                       | PUR        |
| Insulation single lead                 | PVC        |
| Single lead structure                  | 19 x 0.127 |
| Cable sheath Ø                         | 6          |
| Conductor resistance                   | 73Ω/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             | 60 mm      |
| Bending radius cable movable           | 120 mm     |

### Electrical values

|                      |                     |
|----------------------|---------------------|
| Pollution degree     | 3                   |
| Overvoltage category | II                  |
| Material group       | II                  |
| Rated current (40°C) | 2 A                 |
| Volume resistivity   | ≤ 3 mΩ              |
| EMV compliance       | nicht geschirmt     |
| Degree of protection | IP68                |
| Mechanical operation | > 100 mating cycles |

### Material

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

Polzahl: 12, Kabellänge 2 m, Kabel: 8 x 0,25 mm<sup>2</sup>, PUR, Kabelstecker umspritzt