

Product **Contacts: 5, cable length 2 m, cable: 5 x 0.25mm<sup>2</sup>, PUR, cable plug connector, overmoulded, stainless steel threaded ring**

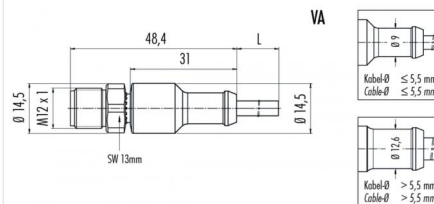
Area **M12-A Series 763**

Article number **77 3729 0000 50005-0200**

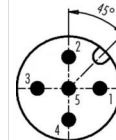
### Illustration



### Scale drawing



### Contact Arrangement



|   | X     | Y     |
|---|-------|-------|
| 1 | 2,50  | 0,00  |
| 2 | 0,00  | 2,50  |
| 3 | -2,50 | 0,00  |
| 4 | 0,00  | -2,50 |
| 5 | 0,00  | 0,00  |

- 1 braun/brown
- 2 weiß/white
- 3 blau/blue
- 4 schwarz/black
- 5 grau/grey

Geschirmte Versionen: Schirm auf Gehäuse  
Shielded versions: shield on housing

## Technical data

### General features

Connector Design Cable Connector  
Connector locking system bolted  
Termination crimp, moulded on cable  
Wire gauge (mm) 0,34 mm<sup>2</sup>  
Wire gauge (AWG) (22)  
Upper temperature 90 °C  
Lower temperature -25 °C

### Cable data

material housing PUR  
Insulation single lead PP  
Single lead structure 42 x 0,1  
Cable sheath Ø 5,0  
Conductor resistance 60 Ω/Km (20°C)  
Temperature range cable movable °C from -25  
Temperature range cable movable °C to 90  
Temperature range cable fixed °C from -50  
Temperature range cable fixed °C to 90  
Bending radius cable fixed min. 5 x D  
Bending radius cable movable min. 10 x D  
Approval 1 UL listed

### Electrical parameters

Rated voltage 60 V  
Rated impulse voltage 1500 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 IP69K  
Mechanical operation > 100 Mating cycles

### Material

Material of contact CuZn (Messing)  
Contact plating Au (gold)  
Material of contact body PUR  
Material of housing PUR