

Product **Contacts: 5, cable length 5m, cable: 5 x 0.25mm<sup>2</sup>, PVC, female cable connector, overmoulded**

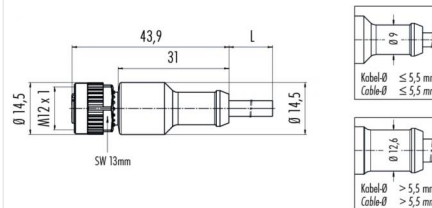
Area **M12-A Series 763**

Article number **77 3430 0000 20005-0500**

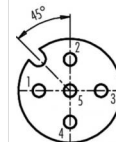
### Illustration



### 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 Female cable connector  
Connector locking system bolted  
Termination crimp, moulded on cable  
Wire gauge (mm) 0,34 mm<sup>2</sup>  
Wire gauge (AWG) (24)  
Upper temperature 90 °C  
Lower temperature -25 °C

### Cable data

material housing PVC  
Insulation single lead PVC  
Single lead structure 42 x 0,1  
Cable sheath Ø 5,2  
Conductor resistance 57 Ω/Km  
Temperature range cable movable °C from -5  
Temperature range cable movable °C to 105  
Temperature range cable fixed °C from -40  
Temperature range cable fixed °C to 105  
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 CuSn (Bronze)  
Contact plating Au (gold)  
Material of contact body PUR  
Material of housing PUR