

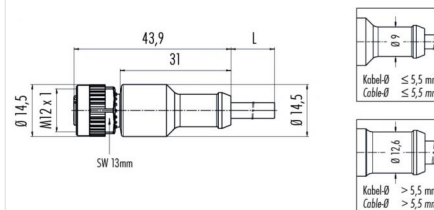
Product description **Contacts: 3, cable length 2 m, cable: 3 x 0.34 mm<sup>2</sup>, PVC, female cable connector, overmoulded**

Area **M12-A Series 763**  
Order number **77 3430 0000 20003-0200**

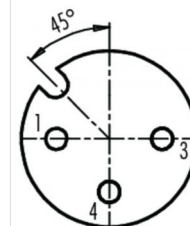
### Illustration



### Scale drawing



### Contact arrangement



1 braun/brown  
3 blau/blue  
4 schwarz/black

## Technical data

### General values

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)	(22)
Upper limit temperature	90 °C
Lower limit temperature	-25 °C

### Cable data

Sheath material	PVC
Single-lead insulation	PVC
Single-lead structure	42 x 0,1
Cable sheath Ø	4.5
Conductor resistance	57 Ω/Km
Temperature range, moving cable, °C from	-5
Temperature range, moving cable, °C to	105
Temperature range, fixed cable, °C from	-40
Temperature range, fixed cable, °C to	105
Bending radius, fixed cable	min. 5 x D
Bending radius, moving cable	min. 10 x D
Approval 1	UL listed
Cable diameter	4.5

### Electrical values

Rated voltage	250 V
Rated impulse voltage	2500 V
Pollution degree	3
Overvoltage category	II
Insulating material group	II
Rated current (40 °C)	4 A
Volume resistivity	≤ 3 mΩ
EMC compliance	not shielded
Degree of protection	IP69K
Mechanical operation	> 100 Mating cycles

### Material

Contact material	CuSn (Bronze)
Contact plating	Au (gold)
Contact body material	PUR
Housing material	PUR

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## Sicherheitshinweise

1. The connector must not be connected or separated under load. Non-observance and incorrect use can result in personal injury.
2. The connectors are designed for use in plant, control system and electrical equipment. The end user is responsible for checking whether the connectors are suitable for use in other applications.
6. Connectors with degree of protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the connectors must be separately protected against corrosion. For further information about IP degrees of protection refer to 'Technical support' in the Download Centre.
8. To lock the cable connector to the equipment connector, the threaded ring is tightened until it is 'finger-tight' (approx. 50 cNm).