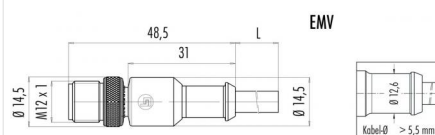


Product description	M12-A male cable connector, Contacts: 4, shielded, moulded on cable, IP67, UL listed, PUR black, 4 x 0.34 mm <sup>2</sup>
Area	M12-A series 763
Order number	77 3529 0000 50704-0500

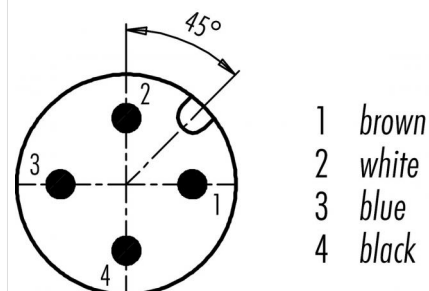
## Illustration



## Scale drawing



## Contact arrangement (Plug-in side)



## Technical data

## General values

## Notice

Please note that, due to the change from the old to the new order number, there may be deviations in the technical specifications. For questions about product details, please use the 'Contact Customer Service' form on the right.

Connector design  
Connector locking system  
Termination  
Wire gauge (mm)  
Wire gauge (AWG)  
Upper limit temperature  
Lower limit temperature  
Customs tariff number

male cable connector  
screw  
moulded on cable  
0.34 mm<sup>2</sup>  
AWG 22  
90 °C  
-25 °C  
85444290

## Cable data

Cable length  
Sheath material  
Single-lead insulation  
Halogen free  
Single-lead structure  
Cable diameter  
Cable color  
Conductor resistance  
Temperature range, moving cable, °C from -50°C to +90°C  
Temperature range, fixed cable, °C from -50°C to +90°C  
Bending radius, fixed cable  
Bending radius, moving cable  
UL style 1

5 m  
PUR  
PP9Y  
Yes  
42x0,1 mm  
4.7 mm  
black  
60  
30°C  
90°C  
90°C  
≥ 5 x Ø  
≥ 10 x Ø  
AWM20549

## Electrical values

Rated current (40 °C)  
Rated voltage  
Rated impulse voltage  
Pollution degree  
Overvoltage category  
Insulating material group  
Insulation resistance  
EMC compliance  
Degree of protection  
Mechanical operation

4 A  
250 V  
2500 V  
3  
II  
II  
≥ 10<sup>10</sup> Ω  
shielded  
IP67  
> 100 Mating cycles

## Material

Contact material  
Contact plating  
Contact body material  
Housing material  
Locking material  
REACH SVHC

CuZn (brass)  
Au (gold)  
PUR  
PUR  
CuZn (Brass nickel plated)  
CAS 7439-92-1 (Lead)

## authorization/approvals

Approval 1  
UL listed

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## Security notices

The connector must not be plugged or unplugged under load. Non-observance and improper use can result in personal injury.

The connectors have been developed for applications in plant engineering, control and electrical equipment construction. The user is responsible for checking whether the connectors can also be used in other areas of application.

Plug connectors with enclosure protection IP 67 and IP 68 are not suitable for use under water. When used outdoors, the plug connectors must be protected separately against corrosion. For further information on the IP protection classes, please refer to the "Technical Information" download centre. To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 60 cNm).