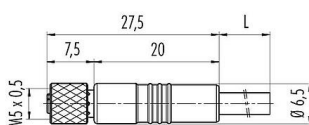


Product description	<b>M5 Female cable connector, Contacts: 4, shielded, moulded on the cable, IP67, M5x0.5, PUR, black, 4 x 0.14 mm<sup>2</sup>, 5 m</b>
Area	<b>M5</b>
Part no.	<b>77 3550 0000 40004-0500</b>

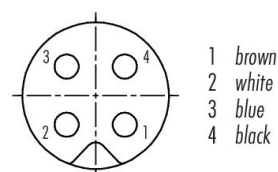
## Illustration



## Scale drawing



## Contact arrangement (Plug-in side)



## Technical data

### General features

Part no.

**77 3550 0000 40004-0500**

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

Female cable connector

Type standard

DIN EN 61076-2-105

Cable length

5 m (Standard 2 m and 5 m. Other lengths are available on request.)

Version

Connector socket straight

Connector locking system

screw

Termination

moulded on the cable

Degree of protection

IP67

Cross-sectional area

0.14 mm<sup>2</sup> / AWG 26

Temperature range from/to

-25 °C / 80 °C

Mechanical operation

> 100 Mating cycles

Weight (g)

50.00

Customs tariff number

85444290

Country of Origin

DE

### Electrical parameters

Rated voltage

60 V

Rated impulse voltage

800 V

Rated current

1.0 A

Insulation resistance

> 10<sup>8</sup> Ω

Pollution degree

3

Overvoltage category

II

Insulating material group

I

EMC compliance

shielded

Shield connection

Shield on the threaded ring

# Product data sheet

## Automation technology - Sensors and actuators



Product description	<b>M5 Female cable connector, Contacts: 4, shielded, moulded on the cable, IP67, M5x0.5, PUR, black, 4 x 0.14 mm<sup>2</sup>, 5 m</b>
Area	<b>M5</b>
Part no.	<b>77 3550 0000 40004-0500</b>

### Material

Housing material	PUR
Contact body material	PUR
Contact material	CuSn (bronze)
Contact plating	Au (gold)
Locking material	CuZn (brass)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	e6679e9e-eb77-4c34-b51e-44c18fec579a

### Classifications

eCl@ss 11.1	27-06-03-11
ETIM 9.0	EC002638

### Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
RoHS Directive	2011/65/EU (EN 50581:2012)

### Cable data - Structure of the cable

Cable diameter	4.0 mm
Cross section	4 x 0.14 mm <sup>2</sup>
Sheath material	PUR
Single-lead insulation	PVC
Single-lead structure	18 x 0.10 mm
Cable color	black

### Cable data - Electrical properties

Conductor resistance	148 Ω/Km (20°C)
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### Cable data - Thermal properties

Temperature range cable in move from/to	-5 °C / 80 °C
Temperature range cable fixed from/to	-25 °C / 80 °C

### Cable data - Other features

Halogen free	no
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Product description	<b>M5 Female cable connector, Contacts: 4, shielded, moulded on the cable, IP67, M5x0.5, PUR, black, 4 x 0.14 mm<sup>2</sup>, 5 m</b>
Area	<b>M5</b>
Part no.	<b>77 3550 0000 40004-0500</b>

### Security notices

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 IP67 and IP68 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. 50 cNm).