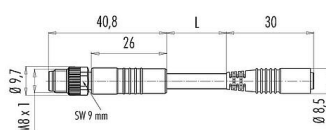


Product description	<b>M8 Male cable connector - female cable connector M8x1, Contacts: 3, unshielded, moulded on the cable, IP65, PUR, black, 3 x 0.25 mm<sup>2</sup>, 1 m</b>
-	-
Area	<b>series 765</b>
Part no.	<b>79 5060 10 03</b>

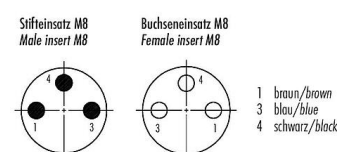
## Illustration



## Scale drawing



## Contact arrangement (Plug-in side)



## Technical data

### General features

Part no.	<b>79 5060 10 03</b>
Connector design	Male cable connector - female cable connector M8x1
Cable length	1 m (Standard 1 m and 2 m. Other lengths are available on request.)
Version	Connecting cable
Connector locking system	screw/snap-in
Termination	moulded on the cable
Degree of protection	IP65
Cross-sectional area	0.25 mm <sup>2</sup> / AWG 24
Temperature range from/to	-25 °C / 70 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	37.00
Customs tariff number	85444290
Country of Origin	DE

### Electrical parameters

Rated voltage	60 V
Rated impulse voltage	1500 V
Rated current	4.0 A
Pollution degree	3
Overvoltage category	II
Insulating material group	II
EMC compliance	unshielded

### Material

Housing material	PUR
Contact body material	PUR
Contact material	CuZn (brass) / CuSn (bronze)
Contact plating	Au (gold)

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Locking material	Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	c5a91a66-5bb4-4ba7-be1e-f6277119edd9

### Classifications

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

### Cable data - Structure of the cable

Cable diameter	4.5 mm
Cross section	3 x 0.25 mm <sup>2</sup>
Sheath material	PUR
Single-lead insulation	PVC
Single-lead structure	32 x 0.10 mm
Cable color	black

### Cable data - Electrical properties

Conductor resistance	72 Ω/Km (20°C)
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### Cable data - Mechanical properties

Bending radius, fixed cable	≥ 10 x Ø
Bending radius, moving cable	≥ 10 x Ø

### Cable data - Thermal properties

Temperature range cable in move from/to	-20 °C / 80 °C
Temperature range cable fixed from/to	-40 °C / 80 °C

### Cable data - Other features

Halogen free	no
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Product description	<b>M8 Male cable connector - female cable connector M8x1, Contacts: 3, unshielded, moulded on the cable, IP65, PUR, black, 3 x 0.25 mm<sup>2</sup>, 1 m</b>
-	-
Area	<b>series 765</b>
Part no.	<b>79 5060 10 03</b>

### General Disclaim Notice

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.

Connectors which are used in circuits with voltages dangerous to the touch may only be installed and used by, or under the supervision of, persons with electrical engineering training, taking into account the applicable regulations and standards.

The user must take suitable safety precautions to ensure that the connector cannot be accidentally disconnected.

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.

The plug connector is not suitable for mains voltages Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".