

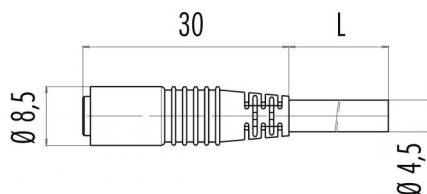
Product description M8 female cable connector, Contacts: 3, unshielded, moulded on cable, IP65, PVC black, 3 x 0.25 mm<sup>2</sup>

Area M8 series 718  
Order number 79 3410 45 03

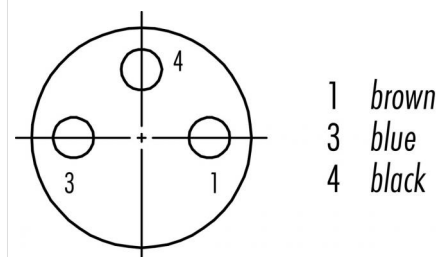
### Illustration



### Scale drawing



### Contact arrangement (Plug-in side)



## Technical data

### General values

Connector design	female cable connector
Connector locking system	snap
Termination	moulded on cable
Wire gauge (mm)	0.25 mm <sup>2</sup>
Wire gauge (AWG)	AWG 24
Upper limit temperature	70 °C
Lower limit temperature	-40 °C
Customs tariff number	85444290

### Electrical values

Rated current (40 °C)	4 A
Rated voltage	60 V
Rated impulse voltage	1500 V
Pollution degree	3
Overvoltage category	II
Insulating material group	II
EMC compliance	unshielded
Degree of protection	IP65
Mechanical operation	> 100 Mating cycles

### Cable data

Cable length	5 m
Sheath material	PVC
Single-lead insulation	PVC
Halogen free	No
Single-lead structure	32x0.1 mm
Cable diameter	4.5 mm
Cable color	black
Conductor resistance	79.5
Temperature range, moving cable, °C from -25 °C	
Temperature range, moving cable, °C to +70 °C	
Temperature range, fixed cable, °C from -25 °C	
Temperature range, fixed cable, °C to +70 °C	
Bending radius, fixed cable	≥ 5 x Ø
Bending radius, moving cable	≥ 10 x Ø

### Material

Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PUR
Housing material	PUR
REACH SVHC	CAS 7439-92-1 (Lead)

Product description	M8 female cable connector, Contacts: 3, unshielded, moulded on cable, IP65, PVC black, 3 x 0.25 mm <sup>2</sup>
Area	M8 series 718
Order number	79 3410 45 03

## 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 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.