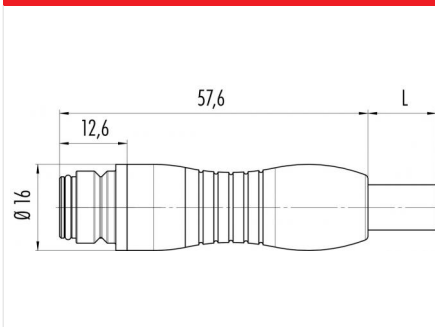


Product description	Snap-In IP67 female cable connector, Contacts: 8, unshielded, moulded on cable, IP67, PUR black, 8 x 0.25 mm ²
Area	Snap-In IP67 series 720
Order number	79 9170 020 08

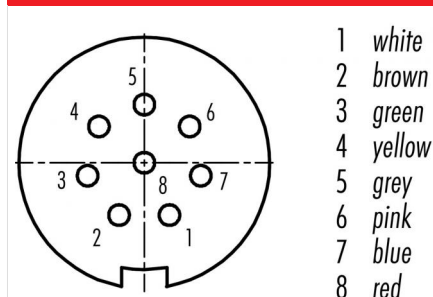
Illustration



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 ²
Wire gauge (AWG)	AWG 24
Upper limit temperature	70 °C
Lower limit temperature	-25 °C
Customs tariff number	85444290

Cable data

Cable length	2 m
Sheath material	PUR
Single-lead insulation	PVC Y12
Halogen free	No
Single-lead structure	32x0.1 mm
Cable diameter	5.7 mm
Cable color	black
Conductor resistance	79.9
Temperature range, moving cable, °C from -55°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	≥ 12 x Ø

Electrical values

Rated current (40 °C)	2 A
Rated voltage	125 V
Rated impulse voltage	1500 V
Pollution degree	2
Overvoltage category	II
Insulating material group	II
Insulation resistance	≥ 10 ¹⁰ Ω
EMC compliance	unshielded
Degree of protection	IP67
Mechanical operation	> 500 Mating cycles

Material

Contact material	CuSn (bronze)
Contact plating	Au (gold)
Contact body material	PA (UL94 V-0)
Housing material	PUR
REACH SVHC	CAS 7439-92-1 (Lead)

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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.

To protect against unintentional opening of the connector, the thread between the housing and the connector head must be secured with a suitable cyanoacrylate adhesive when used in circuits with voltages dangerous to the touch. This does not apply to connectors used in SELV and PELV circuits according to IEC 61140 (EN 61140, VDE 0140-1).

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.

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.