

Product data sheet

Miniature connectors

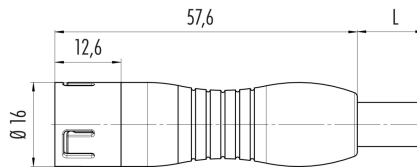


Product description	Snap-In IP67 male cable connector, Contacts: 3, unshielded, moulded cable, IP67, PUR black, 3 x 0.75 mm ²
Area	Snap-In IP67 series 720
Order number	79 9149 020 03

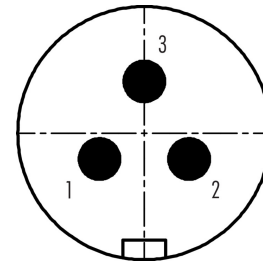
Illustration



Scale drawing



Contact arrangement (Plug-in side)



- 1 white
- 2 brown
- 3 green

Technical data

General features

Order number	79 9149 020 03
Connector design	male cable connector
Cable length	2 m
Version	connector male straight
Connector locking system	snap
Termination	moulded cable
Degree of protection	IP67
Cross-sectional area	0.75 mm ² / AWG 18
Temperature range from/to	-25 °C / 70 °C
Mechanical operation	> 500 Mating cycles
Weight (g)	149
Customs tariff number	85444290

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 V
Rated current (40 °C)	7 A
Insulation resistance	≥ 10 ¹⁰ Ω
Pollution degree	2
Overvoltage category	II
Insulating material group	II
EMC compliance	unshielded

Material

Housing material	PUR
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Contact body material	PA (UL94 V-0) black
Contact material	CuZn (brass)
Contact plating	Au (gold)
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	6e6fca32-5f55-4772-b353-9b36a37aafc6

Classifications

eCl@ss 11.1	27-06-03-11
ETIM 7.0	EC001855

Declarations of conformity

Low Voltage Directive	2014/35/EU (EN 60204-1:2018;EN 60529:1991)
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Cable data - Structure of the cable

Cable diameter	6.9 mm
Cross section	3 x 0.75 mm ²
Sheath material	PUR
Single-lead insulation	PVC
Single-lead structure	24x0,2 mm
Cable color	black

Cable data - Thermal properties

Temperature range cable in move from/to	-5°C / +70°C
Temperature range cable fixed from/to	-25°C / +70°C

Cable data - Other features

Halogen free	No
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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.