Product data sheet

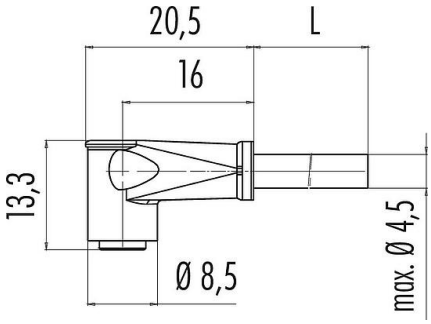
Automation technology - Sensors and actuators

Product description	**M8 Female angled connector, Contacts: 3, unshielded, PUR, black, 3 x 0.14 mm², Snap-in version, 2 m**
Area	**M8**
Series	**718**
Part no.	**79 3414 12 03**

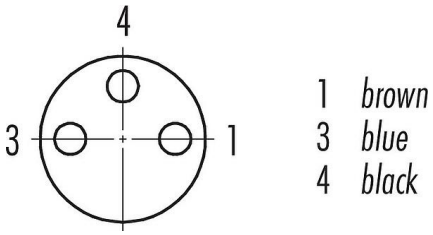
Illustration (may vary)



Scale drawing



Contact arrangement (Plug-in side)



Technical data

General features

Part no.	79 3414 12 03
Connector design	Female angled connector
Type standard	DIN EN 61076-2-104
Cable length	2 m
Version	Connector socket angled
Connector locking system	snap-in
Weight (g)	27.00
Customs tariff number	85444290
Country of Origin	DE

Electrical parameters

Rated voltage	50 V (AC) / 60 V (DC)
EMC compliance	unshielded

Material

Housing material	PUR
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	6e3d24c5-1682-4586-a75e-c6af30153fcb

Cable data - Structure of the cable

Cable diameter	5.0 mm
Cross section	3 x 0.14 mm²
Sheath material	PUR
Single-lead insulation	PVC

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Single-lead structure	7 x 0.25 mm
Cable color	black

Cable data - Electrical properties

Conductor resistance	148 Ω/Km (20°C)

Cable data - Mechanical properties

Travel distance, horizontal	2 m/s² -> 3 m

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

Classifications

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

Declarations of conformity

Low Voltage Directive	EN 60529:1991 | EN 60204-1:2018
RoHS Directive	EN IEC 63000:2018

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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.

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.

Please observe the pollution degree and the overvoltage category. For further information, please refer to the download center "Technical Information".

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 40 cNm).