

Product description	M8 female angled connector, Contacts: 3, unshielded, moulded on cable, IP65, PVC black, 3 x 0.25 mm ²
Area	M8 series 718
Order number	79 3414 45 03

Illustration	Scale drawing	Contact arrangement (Plug-in side)
		<p>1 brown 3 blue 4 black</p>

Technical data

General features

Order number	79 3414 45 03
Connector design	female angled connector
Cable length	5 m
Version	connector female straight snap
Connector locking system	moulded on cable
Termination	IP65
Degree of protection	0.25 mm ² / AWG 24
Cross-sectional area	-40 °C / 70 °C
Temperature range from/to	> 100 Mating cycles
Mechanical operation	144
Weight (g)	85444290
Customs tariff number	

Electrical parameters

Rated voltage	60 V
Rated impulse voltage	1500 V
Rated current (40 °C)	4 A
Pollution degree	3
Overvoltage category	II
Insulating material group	II
EMC compliance	unshielded

Material

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

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)
RoHS Directive	2011/65/EU (EN 50581:2012)

Cable data

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

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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.