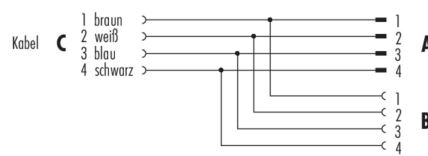


Product description	M12-A double distributor, Contacts: 4, unshielded, moulded cable, IP68, UL listed, M12x1.0, PUR black, 4 x 0.25 mm ²
Area	M12-A series 765
Part no.	79 5238 10 04

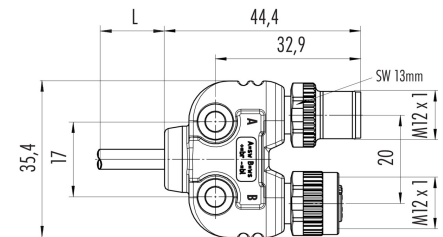
Illustration



Pin assignment plans

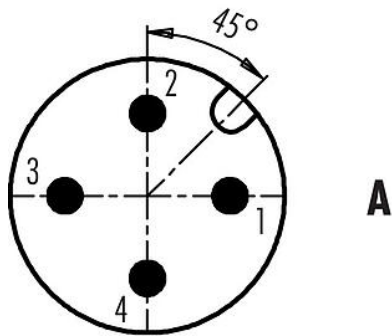


Scale drawing

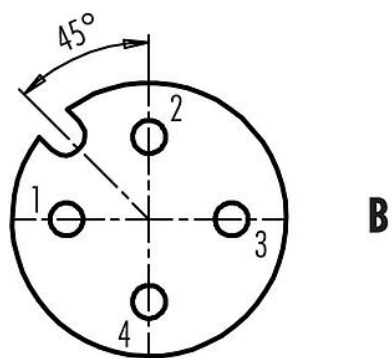


Contact arrangement (Plug-in side)

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1x Stifteinsatz M12
1x Buchseneinsatz M12
1x male insert M12
1x female insert M12



Technical data

General features

Part no.	79 5238 10 04
Connector design	double distributor
Cable length	1 m
Version	distributor
Connector locking system	screw
Termination	moulded cable
Degree of protection	IP68
Cross-sectional area	0.25 mm ² / AWG 24

Product data sheet

Automation technology - sensors and actuators



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Area	M12-A series 765
Part no.	79 5238 10 04

Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	52.00
Customs tariff number	85444290

Electrical parameters

Rated voltage	250 V
Rated impulse voltage	2500 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	Pin: CuZn (brass) / Socket: CuSn (bronze)
Contact plating	Au (gold)
Locking material	Zinc die-cast nickel-plated
REACH SVHC	None (No pollutants)
SCIP number	SCIP-number not available

Authorization/approvals

Approvals	UL listed
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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 - Structure of the cable

Cable diameter	4.5 mm
Cross section	4 x 0.25 mm ²
Sheath material	PUR



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Single-lead insulation	PVC
Single-lead structure	32 x 0,1 mm
Cable color	black

Cable data - Mechanical properties

Bending radius, fixed cable	5 x Ø
Bending radius, moving cable	10 x Ø
Bending cycles	2 million
Permitted acceleration	5 m/s ²
Travel distance, horizontal	5 m
Travel speed	≤ 3.33 m/s

Cable data - Thermal properties

Temperature range cable in move from/to	-20 °C / 90 °C
Temperature range cable fixed from/to	-40 °C / 90 °C

Cable data - Other features

Halogen free	No
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Product description	M12-A double distributor, Contacts: 4, unshielded, moulded cable, IP68, UL listed, M12x1.0, PUR black, 4 x 0.25 mm²
Area	M12-A series 765
Part no.	79 5238 10 04

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.

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.

To lock the cable connector with the device connector, the threaded ring is tightened "hand-tight" (approx. 60 cNm).