

Product data sheet

Automation technology - distributors, AS-interface

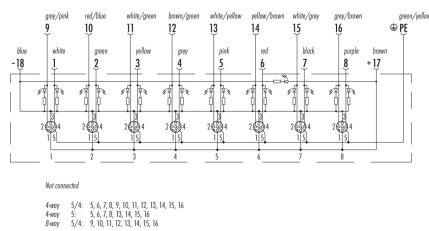


Product description	M12-A 8-way distributor, Contacts: 5, 10.0 - 14.0 mm, unshielded, screw clamp, IP67
Area	M12-A series 772
Part no.	72 6318 200 08

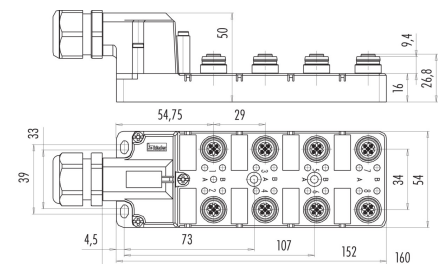
Illustration



Pin assignment plans



Scale drawing



Technical data

General features

Part no.	72 6318 200 08
Connector design	8-way distributor
Version	distributor
Connector locking system	M12x1 Push-Pull
Termination	screw clamp
Degree of protection	IP67
Cross-sectional area	E/A's max. 1.50 mm ² / E/A's max. AWG 16
Cable outlet	10.0 - 14.0 mm
Temperature range from/to	-25 °C / 80 °C
Weight (g)	316.00
Customs tariff number	85369010

Electrical parameters

Rated voltage	10 - 30 V DC
Rated impulse voltage	500 V
Rated current (40 °C)	2 A (per contact) / 10 A max.
Insulation resistance	≥ 10 ¹⁰ Ω
Pollution degree	3
EMC compliance	unshielded

Material

Contact body material	PBT (UL94 V-0)
Contact material	CuZn (brass)

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Contact plating	Au (gold)
REACH SVHC	None (No pollutants)
SCIP number	SCIP-number not available

Classifications

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

Declarations of conformity

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