Product data sheet

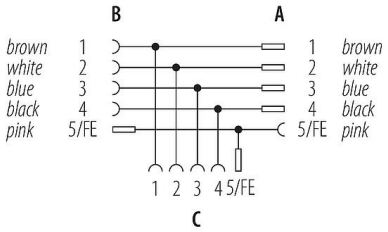
Automation technology - Voltage and Power Supply

Product description	**M12 Twin distributors, T-distributor, male connector - 2 female connector, Contacts: 4+FE, unshielded, IP65, M12x1.0**
Area	**M12-L**
Coding	**L-coded**
Series	**823**
Part no.	**79 0645 00 05**

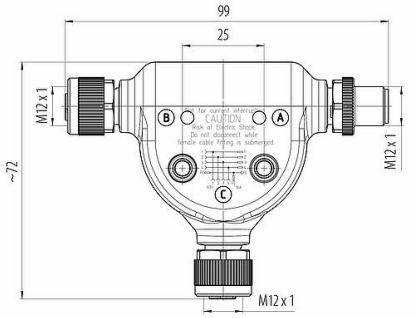
Illustration (may vary)



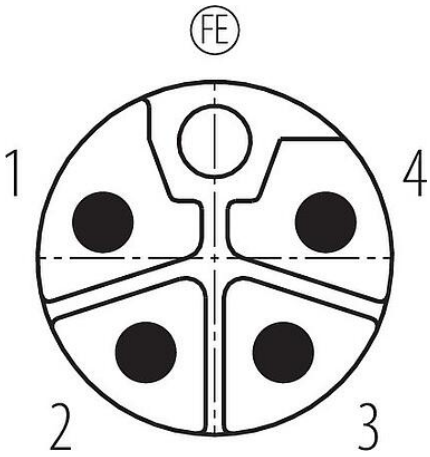
Pin assignment plans



Scale drawing



Contact arrangement (Plug-in side)



Technical data

General features

Part no.	79 0645 00 05
Connector design	Twin distributors, T-distributor, male connector - 2 female connector
Coding	L-coded
Version	T-Distributors
Connector locking system	screw
Degree of protection	IP65
Temperature range from/to	-40 °C / 90 °C

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Mechanical operation	> 100 Mating cycles
Weight (g)	0.00
Customs tariff number	85444290
Country of Origin	DE

Electrical parameters

Rated voltage	63 V
Rated impulse voltage	1500 V
Rated current	16.0 A
Insulation resistance	> 10^{10} Ω
Pollution degree	3
Overvoltage category	III
Insulating material group	I
EMC compliance	unshielded

Material

Contact body material	Polymid
Contact material	CuSn (bronze) / CuZn (brass)
Contact plating	Au (gold)
Locking material	CuZn (brass)
REACH SVHC	None (No pollutants)
SCIP number	SCIP-number not available

Declarations of conformity

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.

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. 60 cNm).