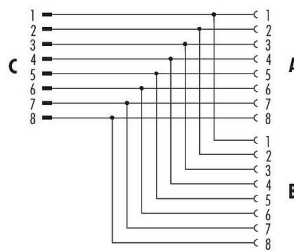


Product description	<b>M12 Twin distributor, Y-distributor, male connector M12x1 - 2 female connector M12x1, Contacts: 8, unshielded, pluggable, IP68, UL</b>
Area	<b>series 765</b>
Part no.	<b>79 5211 00 08</b>

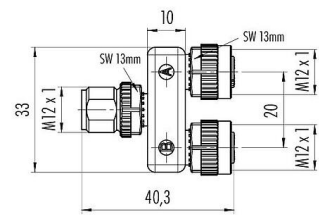
**Illustration**



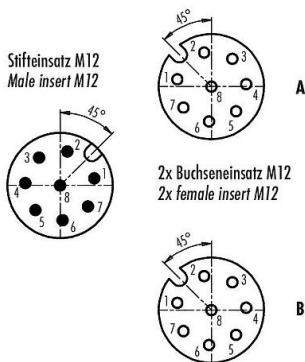
**Pin assignment plans**



**Scale drawing**



**Contact arrangement (Plug-in side)**



**Technical data**

**General features**

Part no.	<b>79 5211 00 08</b>
Connector design	Twin distributor, Y-distributor, male connector M12x1 - 2 female connector M12x1
Type standard	DIN EN 61076-2-101
Version	Twin distributors
Connector locking system	screw

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Termination	pluggable
Degree of protection	IP68
Temperature range from/to	-25 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	25.80
Customs tariff number	85369010
Country of Origin	DE

### Electrical parameters

Rated voltage	30 V
Rated impulse voltage	800 V
Rated current	2.0 A
Pollution degree	3
Overvoltage category	II
Insulating material group	II
EMC compliance	unshielded

### Material

Housing material	PUR
Contact body material	PUR
Contact material	CuZn (brass) / CuSn (bronze)
Contact plating	Au (gold)
Locking material	Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	968ad35e-bf42-455e-8b18-1d904178d87d

### Authorization/approvals

Approvals	UL
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### Classifications

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

### Declarations of conformity

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

The plug connector is not suitable for mains voltages. 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).