

Product data sheet

Automation technology - data transmission



Product description **M12-X Connecting cable, Contacts: 8, shielded, moulded on the cable, IP67, UL, PUR, AWG 26/7, 10 m**

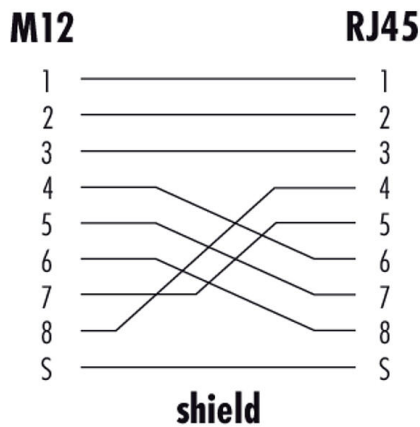
Area **M12-X series 876**

Part no. **79 9723 100 08**

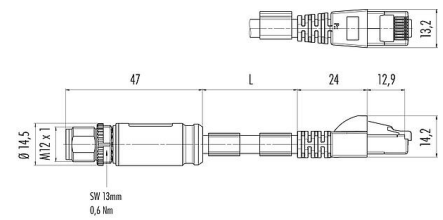
Illustration



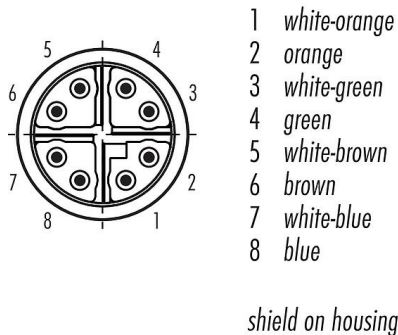
Pin assignment plans



Scale drawing



Contact arrangement (Plug-in side)



Technical data

General features

Part no.	79 9723 100 08
Connector design	Connecting cable
Cable length	10 m
Version	Connecting cable
Connector locking system	screw
Termination	moulded on the cable
Degree of protection	IP67 IP20 (RJ45)



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Cross-sectional area	AWG 26/7
Temperature range from/to	-40 °C / 85 °C
Mechanical operation	> 100 Mating cycles
Weight (g)	431.14
Customs tariff number	85444290

Electrical parameters

Rated voltage	50 V (AC) / 60 V (DC)
Rated current (40 °C)	0.5 A
Insulation resistance	> 10 ⁸ Ω
Pollution degree	3
Transmission rate	CAT 6A
Overvoltage category	II
Insulating material group	II
EMC compliance	shielded
Shield connection	Shield on the threaded ring

Material

Housing material	PUR
Contact body material	PA
Contact material	CuZn (brass)
Contact plating	Au (gold)
Locking material	Zinc die-cast nickel-plated
REACH SVHC	CAS 7439-92-1 (Lead)
SCIP number	ac4ca8da-ced9-435a-a39f-07a33ed8a541

Authorization/approvals

Approvals	UL
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Classifications

eClass 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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Cable data - Structure of the cable

Cable diameter	6.2 mm
Cross section	AWG 26/7
Sheath material	PUR
Single-lead insulation	PE
Single-lead structure	8 x 0.14 mm

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Cable data - Mechanical properties

Bending radius, fixed cable	$\geq 8 \times \varnothing$
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Cable data - Thermal properties

Temperature range cable in move from/to	-10 °C / 60 °C
Temperature range cable fixed from/to	-40 °C / 85 °C

Cable data - Other features

Halogen free	yes
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General Disclaim Notice

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 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.

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