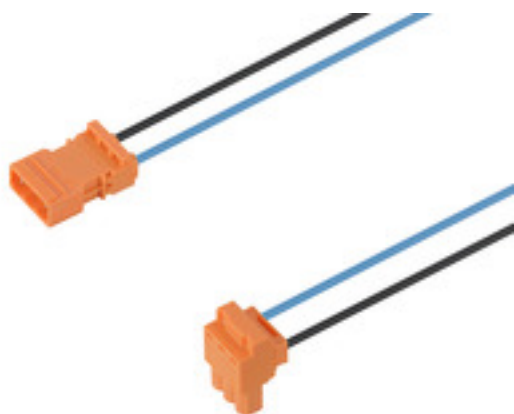


CH-SMR-00.80-CG90**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Base counter, gateway, control box and overvoltage protection device are connected with pre-assembled cable sets as point-to-point or Y-assembly. Weidmüller offers the right connection solutions for this, conforming to FNN and DIN-VDE 0603 standards. Pre-assembled power cables with 6kV overvoltage protection round up the portfolio.

General ordering data

Version	Smart Metering Cable Assemblies, 6 kV, IP30, in plugged and mounted condition, 300 V, Li9YH 1 x 0,75, 0.8 m
Order No.	2924780080
Type	CH-SMR-00.80-CG90
GTIN (EAN)	4099986795600
Qty.	10 pc(s).

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Technical data**Dimensions and weights**

Net weight	25.052 g
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General Technical Data

Applications	Indoor	Number of poles	2
Pollution severity	3	Protection degree	IP30, in plugged and mounted condition
Rated current	9 A	Rated impulse withstand voltage	6 kV
Rated voltage	300 V	Standards	DIN VDE 0603-100
Surge voltage category	III		

Technical Specifications Connector

Connector	Connector description	Connector 1
	Cable entry	straight
	Housing main material	PA
	Number of poles	2
	Type	Male
	Individual components connector	
	Connector description	Connector 2
	Cable entry	angled
	Housing main material	PA
	Number of poles	2
	Type	Female
	Individual components connector	

Technical specifications for cable

Bending radius, min., moving	15 x cable diameter	Bending radius, min., stationary	8 x cable diameter
Cable Material	Polyolefine	Cable length	0.8 m
Core cross-section	0.75 mm ²	Halogen	No
Insulation	PP	Line type	Li9YH 1 x 0.75
Number of wires	2	Outside diameter	2.35 mm ± 0.15 mm
Resistance to oils	No	Sheathing colour	black / blue
Shielded	No	Temperature range, moving, max.	90 °C
Temperature range, moving, min.	-25 °C	Temperature range, stationary, max.	90 °C
Temperature range, stationary, min.	-30 °C		

Classifications

ETIM 6.0	EC001576	ETIM 7.0	EC001576
ETIM 8.0	EC001576	ETIM 9.0	EC001576
ECLASS 9.0	27-06-04-02	ECLASS 9.1	27-06-91-90
ECLASS 10.0	27-06-04-02	ECLASS 11.0	27-06-04-02
ECLASS 12.0	27-06-04-02	ECLASS 13.0	27-06-04-02
ECLASS 14.0	27-06-04-02		

Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

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IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.
Notes	unenclosed connector, without breaking capacity (COC), acc. DIN EN 61984 (VDE 0627)

Approvals

ROHS	Conform
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Downloads

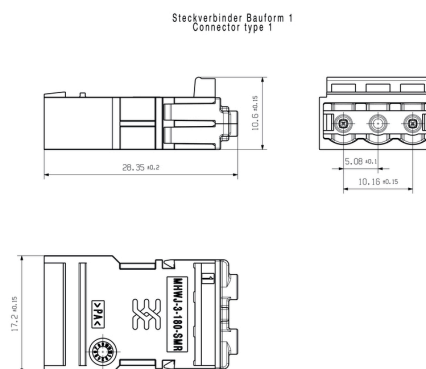
Catalogues	Catalogues in PDF-format
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www.weidmueller.com**Drawings****Dimensional drawing****Dimensional drawing**