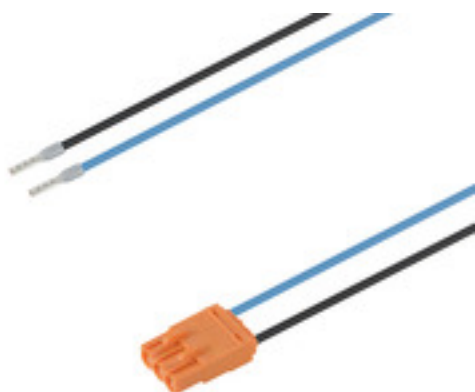


**CH-SMR-00.80-ECB180****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">2924870080</a>
Type	CH-SMR-00.80-ECB180
GTIN (EAN)	4099986795662
Qty.	10 pc(s).

## CH-SMR-00.80-ECB180

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## Technical data

## Dimensions and weights

Net weight	21.832 g
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## 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 <sup>2</sup>	Halogen	No
Insulation	PP	Number of poles	2
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	-25...90 °C
Temperature range, stationary	-30...90 °C		

## General technical data

Pollution severity	3	Protection degree	IP30, in plugged and mounted condition
Rated current	9 A	Rated voltage	300 V

## General Technical Data

Number of poles	2	Protection degree	IP30, in plugged and mounted condition
Rated current	9 A	Rated impulse withstand voltage	6 kV
Rated voltage	300 V		

## Technical Specifications Connector

Connector	Connector description	Connector 3
	Cable entry	straight
	Housing main material	PA
	Number of poles	2
	Type	Female
	Individual components connector	
	Connector description	Connector 6
	Cable entry	straight
	Number of poles	2
	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 <sup>2</sup>	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	-25...90 °C
Temperature range, moving, max.	90 °C	Temperature range, moving, min.	-25 °C
Temperature range, stationary	-30...90 °C	Temperature range, stationary, max.	90 °C
Temperature range, stationary, min.	-30 °C		

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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

**Environmental Product Compliance**

REACH SVHC /

**Important note**

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

**Downloads**Catalogues [Catalogues in PDF-format](#)

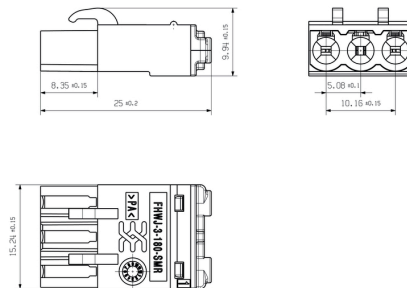
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**Drawings****Dimensional drawing**

Steckverbinder Bauform 3  
Connector type 3

**Dimensional drawing**

Steckverbinder Bauform 6  
Connector type 6  
2x H0.75/180

