

**IE-C6GO6LR0008F40F40-X-K6KV****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Wiring diagram**

LMN cable, RJ12 / RJ12, twisted-pair, suitable for smart metering applications, unshielded

**General ordering data**

Version	Patch cable, RJ12, RJ12, Cat.3, LSZH, 0.8 m, 6 kV
Order No.	<a href="#">2860910008</a>
Type	IE-C6GO6LR0008F40F40-X-K6KV
GTIN (EAN)	4064675578659
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Length	0.8 m	Length (inches)	31.496 inch
Net weight	6 g		

## Temperatures

Operating temperature	-20 °C...60 °C
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## General standards

Application-specific communication cable facilities	VDE-AR-N 4100:2019-04	Connector standard	TIA-1096-A
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## Cable structure

Cable layout	Double insulation according to VDE 0603-100	Cross-section	3x2xAWG 24/7
Insulation	PE	Insulation cross-section	1 mm
Material sheath	LSZH	Number of wires	6
Sheath diameter	4.8 mm	Sheath diameter, max.	4.95 mm
Sheath diameter, min.	4.65 mm	Sheathing colour	red
Shielding	U/UTP		

## Electrical properties of cable

Category	Cat.3	Insulation strength	≥ 100 MΩ
Insulation voltage, max.	500 V	Operating voltage	50 V
Rated current	1 A	Rated impulse withstand voltage	6 kV
Signal propagation time	5.45 ns/m		

## Mechanical and material properties of cable

Colour	red	Halogen	No
Resistance to spread of flame	in accordance with IEC 60332-1		

## Plug

Plug left	RJ12, IP20, male contact, straight, plug, unshielded	Plug right	RJ12, IP20, male contact, straight, plug, unshielded
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## Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ECLASS 9.0	27-06-03-08	ECLASS 9.1	27-06-03-08
ECLASS 10.0	27-06-03-08	ECLASS 11.0	27-06-03-08
ECLASS 12.0	27-06-03-08	ECLASS 13.0	27-06-03-08

## Approvals

Approvals



ROHS Conform

Creation date June 4, 2024 11:21:15 PM CEST

Catalogue status 01.06.2024 / We reserve the right to make technical changes.

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## Technical data

### Downloads

Catalogues

[Catalogues in PDF-format](#)

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