

**Industrial Ethernet
IE-C6KS8VG0005XCSXCS-E**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
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Assembled IE cables, PROFINET, Cat 6_A, PVC, green,
M12 X-type

General ordering data

Type	IE-C6KS8VG0005XCSXCS-E
Order No.	1398070005
Version	Connecting line, M12 X-type IP 67 straight male, M12 X-type IP 67 straight male, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), PVC, 0.5 m
GTIN (EAN)	4050118199628
Qty.	1 pc(s).

Creation date May 3, 2020 9:05:13 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Length	0.5 m	Length (inches)	0.02 inch
Net weight	75 g	Insulation cross-section	1.58 mm

Temperatures

Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...80 °C	Storage temperature	-40 °C...80 °C
Installation temperature	-40 °C...80 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Cable specific standards

Standard, assembly	UL-Style 2461
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Cable structure

Cross-section	4*2*AWG 23/7	Insulation cross-section	1.58 mm
Colour sequence or wires - wire pairs	white/blue - blue, white/ orange - orange, white/ green - green, white/ brown - brown	Shielding	S/FTP
Material sheath	PVC	Sheath diameter, max.	8.8 mm
Sheathing colour	green (RAL 6018)		

Electrical properties of cable

Category	Cat.6 _A / Class E _A (ISO/IEC 11801 2010)	Test voltage: wire-wire-shield	800 V _{eff} , 50 Hz, 1 min
Speed	10 GBit/s		

Mechanical and material properties of cable

Min. bending radius, once only	4 x cable diameter	Min. bending radius, repetitive	8 x Kabeldurchmesser
Pulling force	≤ 150 N	Speed	10 GBit/s
Resistance to spread of flame	in accordance with IEC 60332-1-2		

plug

Connector left	M12 X-type IP 67 straight male	Connector right	M12 X-type IP 67 straight male
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Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
eClass 9.0	27-06-03-08	eClass 9.1	27-06-03-08
eClass 10.0	27-06-03-08		

Approvals

ROHS	Conform
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Technical data**Downloads**

Brochure/Catalogue	CAT 9 IETH 18/19 EN FL FIELDWIRING EN PI PROFINET CABLING EN
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

Data sheet

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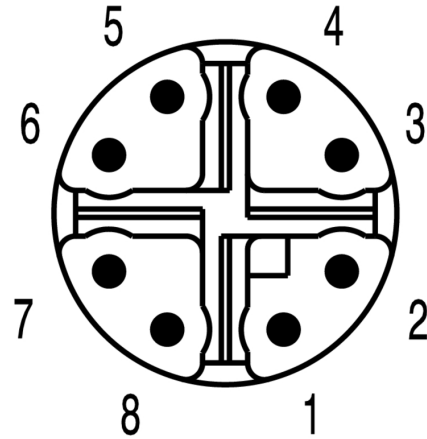
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Drawings

Wiring

M12	1	White, Orange	1	M12
	2	Orange	2	
	3	White, Green	3	
	4	Green	4	
	5	White, Brown	5	
	6	Brown	6	
	7	White, Blue	7	
	8	Blue	8	

Pinning



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Accessories

Blank



TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are five different tag lengths available for individual labelling with long character strings. Easy handling of separation and installation thanks to the project marker field. Pre-attachment of sleeves and retrofitting of tags offer excellent versatility

The special contour of TM-I allows easy assembly and secures firm positioning. They are compatible with a number of commercially available sleeves. Thanks to the MultiCard format, the tags can be printed quickly and conveniently with the SMark laser printer, PrintJet ADVANCED, plotter, MC-Mobilo or the STI pen.

- Easy handling of separation and installation thanks to the project marker field.
- Acknowledged and accredited marker for traffic engineering applications
- Pre-attachment of sleeves and retrofitting of tags offer excellent versatility
- Not suited for labelling with P-Ink or STI pen in connection with CLI T sleeves

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	TM-I 12 MC NE GE	Version
Order No.	1718411687	TM-I, Insert markers, 12 x 4 mm, yellow
GTIN (EAN)	4008190348984	
Qty.	320 pc(s).	

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General ordering data

Type	TM-I 18 MC NE GE	Version
Order No.	1718431687	TM-I, Insert markers, 18 x 4 mm, yellow
GTIN (EAN)	4008190349028	
Qty.	320 pc(s).	