Data sheet

IE-C6KS8VG0005XCSXCS-E

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Assembled IE cables, PROFINET, Cat 6 A, PVC, green, M12 X-type

General ordering data

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

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Length	0.5 m	Length (inches)	19.685 inch
Net weight	75 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...80 °C
Installation temperature	-40 °C...80 °C		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	67cf1078-beca-4687-860b-dc475a6ec24a

Cable specific standards

Standard, assembly	UL-Style 2461

Standards

Standard, assembly	UL-Style 2461

Cable structure

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

Electrical properties of cable

Transmission rate	10 Gbit/s	Category	Cat.6A / Class EA (ISO/ IEC 11801 2010)
Test voltage: wire-wire-shield	800 Veff, 50 Hz, 1 min		

Mechanical and material properties of cable

Pulling force	≤ 150 N	Halogen	Yes
Min. bending radius, repetitive	8 x cable diameter	Min. bending radius, once only	4 x cable diameter
Resistance to spread of flame	in accordance with IEC 60332-1-2		

Plug, left

Plug left	M12, X-coded, IP67, male contact, straight, plug, Plastic, shielded

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Plug, right

Plug right	M12, X-coded, IP67, male contact, straight, plug, Plastic, shielded

Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

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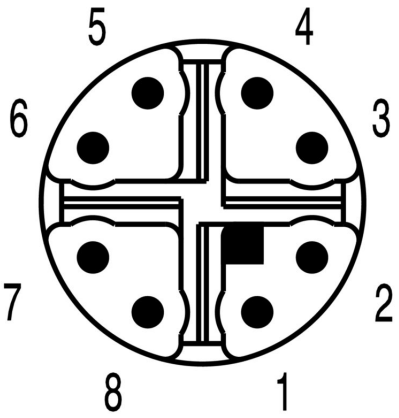
Drawings

Wiring

Pinning



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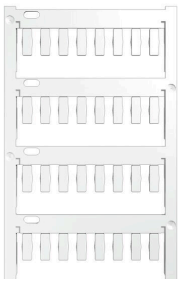
Accessories

Blank



TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are various 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 PrintJet CONNECT, plotter 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, 1.5 - 22 mm, 12 x 4 mm, yellow
GTIN (EAN)	4008190348984	
Qty.	320 ST	
Type	TM-I 18 MC NE GE	Version
Order No.	1718431687	TM-I, Insert markers, 1.5 - 22 mm, 18 x 4 mm, yellow
GTIN (EAN)	4008190349028	
Qty.	320 ST	