

**IE-C6KS8VG0100XCSXCS-E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Assembled IE cables, PROFINET, Cat 6<sub>A</sub>, 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.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010), PVC, 10 m
Order No.	<a href="#">1398070100</a>
Type	IE-C6KS8VG0100XCSXCS-E
GTIN (EAN)	4050118199703
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	10 m	Length (inches)	393.701 inch
Net weight	594 g		

**Temperatures**

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

**Cable specific standards**

Standard, assembly	UL-Style 2461
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**Standards**

Standard, assembly	UL-Style 2461
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**Cable structure**

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

**Electrical properties of cable**

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

**Mechanical and material properties of cable**

Halogen	Yes	Min. bending radius, once only	4 x cable diameter
Min. bending radius, repetitive	8 x cable diameter	Pulling force	≤ 150 N
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
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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
ECLASS 14.0	27-06-03-08		

**Environmental Product Compliance**

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

**Approvals**

ROHS	Conform
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**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">PROFINET Manufacturer's Declaration</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a> <a href="#">PI PROFINET CABLING EN</a>

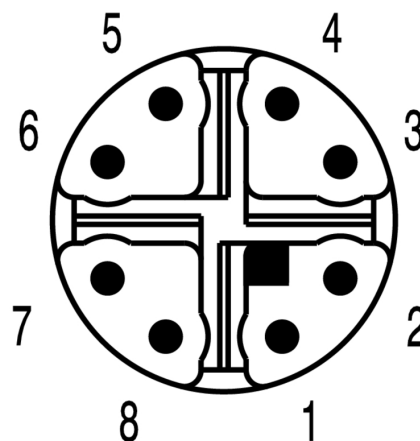
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**Drawings****Wiring**

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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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.	<a href="#">1718411687</a>	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.	<a href="#">1718431687</a>	TM-I, Insert markers, 18 x 4 mm, yellow
GTIN (EAN)	4008190349028	
Qty.	320 pc(s).	