

## 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).

Creation date March 13, 2023 2:02:46 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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

## Cable specific standards

Standard, assembly	UL-Style 2461
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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.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010)	Speed	10 GBit/s
Test voltage: wire-wire-shield	800 V <sub>eff</sub> , 50 Hz, 1 min		

## 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	Speed	10 GBit/s

## Plug

Plug left	M12, X, IP67, male contact, straight, plug, Plastic, shielded	Plug right	M12, X, IP67, male contact, straight, plug, Plastic, shielded
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## Plug, left

Connector left	M12 X-type IP 67 straight male
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## Plug, right

Connector right	M12 X-type IP 67 straight male
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**Technical data****Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	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

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	67cf1078-beca-4687-860b-dc475a6ec24a

**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>

**Data sheet**

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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**

