

IE-C6KS8VG0100XCSXCS-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.6 _A / Class E _A (ISO/IEC 11801 2010), PVC, 10 m
Order No.	1398070100
Type	IE-C6KS8VG0100XCSXCS-E
GTIN (EAN)	4050118199703
Qty.	1 pc(s).

Creation date March 23, 2021 8:50:49 PM CET

Catalogue status 12.03.2021 / 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
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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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 E _A (ISO/IEC 11801 2010)	Speed	10 GBit/s
Test voltage: wire-wire-shield	800 V _{eff} , 50 Hz, 1 min		

Mechanical and material properties of cable

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, 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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www.weidmueller.com**Technical data****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	ECLASS 11.0	27-06-03-08

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	PROFINET Manufacturer's Declaration
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

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www.weidmueller.com**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