

IE-C6KS8VG0100XCSXXX-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, Open, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), PVC, 10 m
Order No.	1449470100
Type	IE-C6KS8VG0100XCSXXX-E
GTIN (EAN)	4050118264180
Qty.	1 pc(s).

Creation date March 23, 2021 11:27:43 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	0.1 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 EA (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	Open
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Technical data**plug**

Connector left

M12 X-type IP 67 straight
male

Connector right

Open

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

DownloadsApproval/Certificate/Document of
Conformity[PROFINET Manufacturer's Declaration](#)

User Documentation

[MAN IE GUIDE DE](#)
[MAN IE GUIDE EN](#)

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Drawings

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