

IE-C6KS8VG0005XCSXXX-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, 0.5 m
Order No.	1449470005
Type	IE-C6KS8VG0005XCSXXX-E
GTIN (EAN)	4050118264166
Qty.	1 pc(s).

Creation date June 16, 2025 10:57:14 PM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Length	0.5 m	Length (inches)	19.685 inch
Net weight	0.001 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 _{eff} , 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	free conductor end
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Technical data**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	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
ECLASS 15.0	27-06-03-08		

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

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
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN PI PROFINET CABLING EN PI PROFINET CABLING EN

Data sheet

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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	
