

IE-C6KS8VG0005XCSXCS-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, 0.5 m
Order No.	1398070005
Type	IE-C6KS8VG0005XCSXCS-E
GTIN (EAN)	4050118199628
Qty.	1 Stück

Erstellungs-Datum May 16, 2023 8:51:45 AM CEST

Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Length	0.5 m	Length (inches)	19.685 inch
Net weight	75 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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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.6 _A / 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

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

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Technische Daten

Plug

Plug	Cable side	left
	Version of contact face	M12
	Coding of plug	X
	Protection degree (IP)	IP67
	Gender of contact	male contact
	Outlet direction	straight
	Version of connector	plug
	Housing main material	Plastic
	Status indicator available	No
	Shielding available	Yes
	Cable side	right
	Version of contact face	M12
	Coding of plug	X
	Protection degree (IP)	IP67
	Gender of contact	male contact
	Outlet direction	straight
	Version of connector	plug
	Housing main material	Plastic
	Status indicator available	No
	Shielding available	Yes
Plug left	M12, X, IP67, male contact, straight, plug, Plastic, shielded	
Plug right	M12, X, IP67, male contact, straight, plug, Plastic, shielded	

Plug, left

Connector left	M12 X-type IP 67 straight male	Plug left	M12, X, IP67, male contact, straight, plug, Plastic, shielded
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Plug, right

Connector right	M12 X-type IP 67 straight male	Plug right	M12, X, IP67, male contact, straight, plug, Plastic, shielded
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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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Technische Daten

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

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Zeichnungen

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

