Data sheet

IE-C6EB8BV0050XCSXCA-X

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Assembled IE cables, railway cable, Cat.7, violet, M12

General ordering data

Version	System cable, M12 X-type IP 67 straight male, M12 X-type IP67 male, angled, Cat. 6, Polyolefine, molecularly interlinked, 5 m
Order No.	2927580050
Type	IE-C6EB8BV0050XCSXCA-X
GTIN (EAN)	4099987855778
Qty.	1 items

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Technical data

Dimensions and weights

Length	5 m	Length (inches)	196.8504 inch
Net weight	140 g		

Temperatures

Storage temperature	-40 °C...90 °C	Operating temperature	

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1

Cable specific standards

Fluorine content	According to EN-50267-2-1	Flames propagate vertically on bundled cables	EN 60332-3-25
Fire safety for railway vehicles	According to EN 45545, HL1 - HL3, in accordance with IEC 60332-1-2, EN 61034-2, EN 50305, According to NFPA 130		

Electrical properties

Insulation resistance	≥ 100 MΩ

General standards

Connector standard	IEC 61076-2-109

Cable structure

Strands	7	Sheathing colour	violet
Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm²	Shielding	S/FTP
Number of wires	8	Insulation cross-section	1.05 mm
Sheath diameter, max.	6.8 mm	Sheath diameter, min.	6.4 mm
Material sheath	Polyolefine, molecularly interlinked	Wire pair shielding	Plastic foil
Colour coding	white / orange, orange, white / green, green, white / brown, brown, white / blue, blue		

Electrical properties of cable

Rated voltage (AC)	50 V	Rated voltage (DC)	60 V
Insulation resistance	≥ 100 MΩ	Category	Cat. 6

Mechanical and material properties of cable

Resistance to oils	in accordance with IEC 60811:404	Halogen	No
Min. bending radius, once only	6 *diameter	Abrasion resistance	very good

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Resistance to spread of flame	in accordance with IEC 60332-1-2, EN 60332-3-25		

Plug, left

Plug left	M12, X-coded, IP67, male contact, straight, plug, Plastic, shielded

Plug, right

Plug right	M12, X-coded, IP67, male contact, straight, plug, Plastic, shielded

Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

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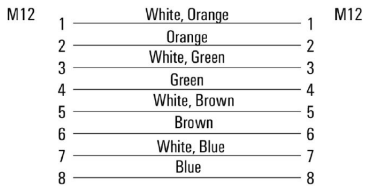
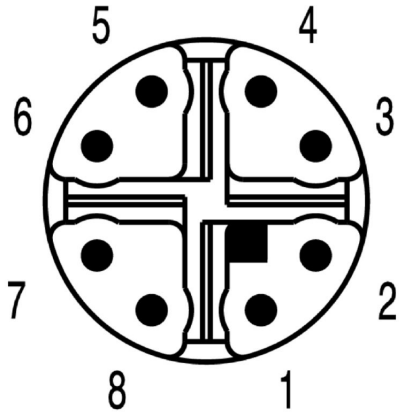
Drawings

Wiring



Pinning