Data sheet

IE-C5DB4BB0070MCSMSS-X

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

www.weidmueller.com





Assembled IE cables, railway cable, Cat.5, blue, M12

General ordering data

Version	System cable, M12 D-code – IP 67 straight pin, M12 D-code – IP 67 straight socket, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), Polyolefine, 7 m
Order No.	2672350070
Type	IE-C5DB4BB0070MCSMSS-X
GTIN (EAN)	4099986969742
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Length	7 m	Length (inches)	275.5906 inch
Net weight	400 g		

Temperatures

Storage temperature	Operating temperature

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

Cable specific standards

Flames propagate vertically on bundled cables	EN 60332-3-25	Multi-wire metallic data and control cable	IEC 61156-6
Hydrogen halide content	According to EN-50267-2-1	Corrosiveness of fumes	EN 50267-2-2
Fire safety for railway vehicles	NFPA 130, DIN EN 45545-2	Impervious to smoke	EN 61034-2
Poisonous gases	EN 50305		

Electrical properties

Insulation resistance	≥ 5000 MΩ	Nominal voltage	125 V

General standards

Connector standard	IEC 61076-2-101

Cable structure

Wire connection cross section AWG, max.	AWG 22	Sheathing colour	blue
Cross-section	4*AWG 22/7 - 0.32 mm²	Shielding	SF/UTP
Number of wires	4	Insulation	PE
Sheath diameter, max.	6.8 mm	Sheath diameter, min.	6.4 mm
Material sheath	Polyolefine	Cable layout	Hybrid cable, for permanent installation
Copper diameter	0.75 mm	Wire core insulation thickness	1.4 mm
Colour coding	blue, yellow, white, orange	Wire material	tinned copper
Sheathing material thickness	1 mm		

Electrical properties of cable

Insulation resistance	≥ 5000 MΩ	Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
Coupling attenuation up to 1000 MHz	90 dB	Coupling resistance at 10 MHz / m	8.00 mΩ
Shield attenuation up to 1000 MHz	60.00 dB	Test voltage: wire-wire-shield	1000 Veff, 50 Hz, 1 min

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Mechanical and material properties of cable

Resistance to oils	in accordance with IEC 60811:404	Colour	blue
Halogen	No, halogen-free, according to IEC 60754-2	Min. bending radius, repetitive	6 *diameter
Min. bending radius, once only	5 x cable diameter	Resistance to spread of flame	in accordance with IEC 60332-1-2, EN 60332-3-25
Corrosiveness of fumes	EN 50267-2-2	Impervious to smoke	EN 61034-2

Plug, left

Plug left	M12, D-coded, Number of poles: 4, IP67, male contact, straight, plug, Plastic, shielded

Plug, right

Plug right	M12, D-coded, Number of poles: 4, IP67, female 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		

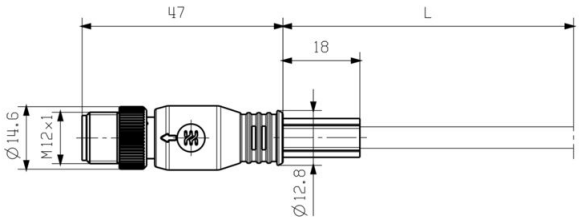
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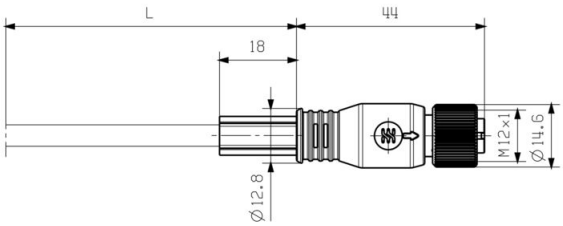
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Drawings

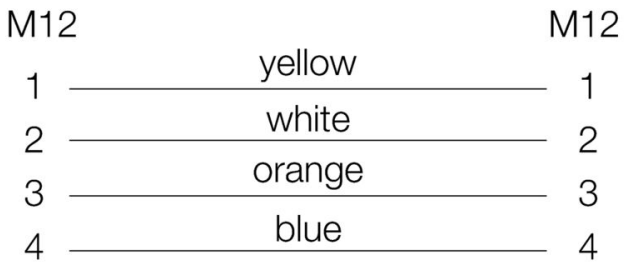
Dimensioned drawing



Dimensioned drawing



Wiring diagram



Detailed drawing

