

IE-C5DB4WE0010MCSA70-E

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

www.weidmueller.com



Assembled IE lines, railway cable RW (reduced wire), cat. 5, PUR, black, RJ45 plug, no tools required, IP20 and M12 straight pin

General ordering data

Version	System cable, M12 D-code - IP 67 straight pin, RJ45 IP 20, Cat. 5e, Radox EM 104, 1 m
Order No.	1220310010
Type	IE-C5DB4WE0010MCSA70-E
GTIN (EAN)	4050118222944
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Length	1 m	Length (inches)	39.3701 inch
Net weight	92 g		

Temperatures

Storage temperature	Operating temperature	-25 °C...70 °C
Installation 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

Fluorine content	According to EN 60684-2 Section 45.2	Flames propagate vertically on bundled cables	in accordance with EN 50266, EN 50305, EN 60332-3-25, According to NF C32-070, 2.1, According to UL1685, 12 (FT4 exp.)
Multi-wire metallic data and control cable	According to EN50288-2-2	Hydrogen halide content	According to EN-50267-2-1
Corrosiveness of fumes	EN 50267-2-2	Fire safety for railway vehicles	According to BS 6853, GM/RT 2130, Ia,Ib, II, According to EN 45545, HL1 - HL3, According to DIN 5510 1-4, According to NF F16-101, A1, A2, B, According to UNI CEI 11170, LR1-LR4, NFPA 130
Impervious to smoke	According to BS 6853 Appendix D, According to IEC 61034-2, According to UL1685, 12 (FT4 exp.)	Poisonous gases	According to BS 6853 Appendix B

General standards

Connector standard	IEC 61076-2-101
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Cable structure

Wire connection cross section AWG, max.	AWG 22	Sheathing colour	black
Cross-section	4*AWG 22/7 - 0.32 mm ²	Shielding	SF/UTP
Number of wires	4	Insulation cross-section	1.55 mm
Insulation	PE	Sheath diameter, max.	7 mm
Sheath diameter, min.	6.2 mm	Material sheath	Radox EM 104
Colour coding	yellow, white, orange, blue	Wire material	Copper alloy

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Electrical properties of cable

Category Cat. 5e

Mechanical and material properties of cable

Resistance to oils	in accordance with EN 50264-1 or EN 50306-1	Halogen	No
Min. bending radius, repetitive	6 *diameter	Min. bending radius, once only	10 x cable diameter
Resistance to spread of flame	in accordance with IEC 60332-1-2, According to NF C32-070, 2.1, NFPA 130	Corrosiveness of fumes	EN 50267-2-2
Impervious to smoke	According to BS 6853 Appendix D, According to IEC 61034-2, According to UL1685, 12 (FT4 exp.)		

Plug, left

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

Plug, right

Plug right RJ45, IP20, male contact, straight, plug, Zinc diecast, 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		

Drawings

Dimensioned drawing



Dimensional drawing



Wiring diagram

RJ45		M12
1	yellow	1
3	white	2
2	orange	3
6	blue	4

Detailed drawing



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Accessories

TM HF 12 mm



The TM sleeves contain no halogens and virtually no pollutants. The sleeves are equipped with the TM-I 12 or TM-I 18 tags. They cover a wide range of applications for cables and lines. This system has particularly proved its worth in traffic engineering. The slim design guarantees firm seating on the conductor.

- Halogen-free
- The slim design guarantees firm seating on the conductor
- TMX 18 for mounting with cable-ties (width 3.6 mm)

General ordering data

Type	TM 4/12 HF/HB	Version	
Order No.	1719840000	TM, Socket x 11.4 mm, Polyethylene LD, Colour: Transparent,	
GTIN (EAN)	4008190353193	Conductor O.D.: 6 - 10 mm	
Qty.	500 ST		

TM HF 18 mm



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- TMX 18 for mounting with cable-ties (width 3.6 mm)

General ordering data

Type	TM 4/18 HF/HB	Version	
Order No.	1719850000	TM, Socket x 11.4 mm, Polyethylene LD, Colour: Transparent,	
GTIN (EAN)	4008190353209	Conductor O.D.: 6 - 10 mm	
Qty.	500 ST		