

## IE-C5DB4WE0020MCSA70-E

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

[www.weidmueller.com](http://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, 2 m
Order No.	<a href="#">1220310020</a>
Type	IE-C5DB4WE0020MCSA70-E
GTIN (EAN)	4050118214734
Qty.	1 items

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## Technical data

## Approvals

ROHS	Conform
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## Dimensions and weights

Length	2 m	Length (inches)	78.7402 inch
Net weight	162 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 <sup>2</sup>	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
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### 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
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### Plug, right

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

Detailed drawing

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

