Industrial Ethernet
IE-C5DB4RE0050MCSMCS-E

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Klingenbergstraße 16
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Assembled IE cables, railway cable, Cat. 5, PUR, black, M12

General ordering data

Type	IE-C5DB4RE0050MCSMCS-E
Order No.	1010850050
Version	System cable, M12 IP 67 straight male, M12 IP 67 straight male, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), Radox GKW S, 5 m
GTIN (EAN)	4032248800919
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Length	5 m	Net weight	409 g

Temperatures

Operating temperature	-40 °C...+90 °C	Storage temperature	-40 °C...+90 °C
Installation temperature	-25 °C...+90 °C		

Standards

Fire safety for railway vehicles	According to DIN 5510-2 fire safety levels 1,2,3,4, According to BS 6853, According to EN50288-2-2	Flames propagate vertically on bundled cables	According to BS4066-3, DIN EN 50266-2-5, According to IEC 60332-3-25 D
Impervious to smoke	According to BS 6853 Appendix D, According to EN 50268-2, According to IEC 61034-2	Corrosiveness of fumes	to IEC 60754-2
Hydrogen halide content	According to EN-50267-2-1, According to IEC 60754-1	Poisonous gases	According to BS 6853 Appendix B
Fluorine content	According to EN 60684-2 Section 45.2	Multi-wire metallic data and control cable	According to EN50288-2-2
Connector standard	IEC 61076-2-101		

Cable structure

Strands	7	Cross-section	2*2*AWG 22/7 - 2*2*0.36 mm²
Insulation cross-section	1.95 mm	Shielding	SF/UTP
Material sheath	Radox GKW S	Sheath diameter, min.	6.95 mm
Sheath diameter, max.	7.55 mm	Sheathing colour	Black

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)

Mechanical and material properties of cable

Min. bending radius, repetitive	6 *diameter	Abrasion resistance	very good
Resistance to oils	in accordance with EN 50306-3	Halogen	halogen-free, according to IEC 60754-2
Corrosiveness of fumes	to IEC 60754-2	Impervious to smoke	According to BS 6853 Appendix D, According to EN 50268-2, According to IEC 61034-2

plug

Version connector left	M12 IP 67 straight male	Version connector right	M12 IP 67 straight male

Classifications

ETIM 3.0	EC000830	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90		

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Approvals

Approvals	c UL us LISTED
ROHS	Conform

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Zeichnungen

Wiring



Detailed drawing

