

IE-C5DB4RE0005E20MSH-E**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

General ordering data

Version	System cable, RJ45 IP 20, M12 D-code – flange, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), Radox GKW S, 0.5 m
Order No.	2462530005
Type	IE-C5DB4RE0005E20MSH-E
GTIN (EAN)	4050118477566
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	0.5 m	Length (inches)	19.685 inch
Net weight	0.01 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Cable specific standards

Corrosiveness of fumes	to IEC 60754-2	Fire protection in buses	According to ISO 6722-1 5.22 (UN ECE-R 118.01)
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, According to EN 45545, HL1 - HL3	Flames propagate vertically on bundled cables	According to BS4066-3, DIN EN 50266-2-5, According to IEC 60332-3-25 D
Fluorine content	According to EN 60684-2 Section 45.2	Hydrogen halide content	According to EN-50267-2-1, According to IEC 60754-1
Impervious to smoke	According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2	Multi-wire metallic data and control cable	According to EN50288-2-2
Poisonous gases	According to BS 6853 Appendix B		

Standards

Corrosiveness of fumes	to IEC 60754-2	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, According to EN 45545, HL1 - HL3
Flames propagate vertically on bundled cables	According to BS4066-3, DIN EN 50266-2-5, According to IEC 60332-3-25 D	Fluorine content	According to EN 60684-2 Section 45.2
Hydrogen halide content	According to EN-50267-2-1, According to IEC 60754-1	Impervious to smoke	According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2
Multi-wire metallic data and control cable	According to EN50288-2-2	Poisonous gases	According to BS 6853 Appendix B

Cable structure

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

Creation date March 27, 2021 1:05:42 AM CET

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Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
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Mechanical and material properties of cable

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

Plug, left

Connector left	RJ45 IP 20
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Plug, right

Connector right	M12 D-code – flange
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plug

Connector left	RJ45 IP 20	Connector right	M12 D-code – flange
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Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ECLASS 9.0	27-06-03-08	ECLASS 9.1	27-06-03-08
ECLASS 10.0	27-06-03-08	ECLASS 11.0	27-06-03-08

Approvals

ROHS	Conform
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Downloads

Engineering Data	EPLAN , WSCAD
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN

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Drawings

Wiring

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

Detailed drawing

