

IE-C5DB4RE0005U20MSH-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-C5DB4RE0005U20MSH-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		

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, SF/UTP
Shielding	SF/UTP	Strands	7

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
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Creation date July 15, 2025 7:12:50 AM CEST

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Technical data

Mechanical and material properties of cable

Abrasion resistance	very good	Corrosiveness of fumes	to IEC 60754-2
Halogen	halogen-free, according to IEC 60754-2	Impervious to smoke	According to BS 6853 Appendix D, in accordance with EN 50268-2, According to IEC 61034-2
Min. bending radius, repetitive	6 * diameter	Resistance to oils	in accordance with EN 50306-3
Resistance to spread of flame	in accordance with IEC 60332-1-2		

Plug, left

Plug left	RJ45, IP20, male contact, straight, plug, Plastic, shielded
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Plug, right

Plug right	M12, D-coded, IP67, male contact, straight, flange, Plastic, shielded
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Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	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	ECLASS 12.0	27-06-03-08
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

Approvals

ROHS	Conform
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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

Downloads

User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN PI PROFINET CABLING EN

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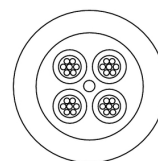
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www.weidmueller.com**Drawings****Wiring**

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

Detailed drawing

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www.weidmueller.com**Accessories****Blank**

TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are various different tag lengths available for individual labelling with long character strings. Easy handling of separation and installation thanks to the project marker field. Pre-attachment of sleeves and retrofitting of tags offer excellent versatility

The special contour of TM-I allows easy assembly and secures firm positioning. They are compatible with a number of commercially available sleeves. Thanks to the MultiCard format, the tags can be printed quickly and conveniently with the PrintJet CONNECT, plotter or the STI pen.

- Easy handling of separation and installation thanks to the project marker field.
- Acknowledged and accredited marker for traffic engineering applications
- Pre-attachment of sleeves and retrofitting of tags offer excellent versatility
- Not suited for labelling with P-Ink or STI pen in connection with CLI T sleeves

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	TM-I 12 MC NE WS	Version
Order No.	1718411044	TM-I, Insert markers, 12 x 4 mm, white
GTIN (EAN)	4008190348977	
Qty.	320 pc(s).	

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General ordering data

Type	TM-I 18 MC NE WS	Version
Order No.	1718431044	TM-I, Insert markers, 1.5 - 22 mm, 18 x 4 mm, white
GTIN (EAN)	4008190349011	
Qty.	320 pc(s).	