

## IE-C5DB4RE0100MCSMCA-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, M12 D-code - IP 67 straight pin, M12 D-code - IP 67 angled pin, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), Radox GW S, 10 m
Order No.	<a href="#">1059940100</a>
Type	IE-C5DB4RE0100MCSMCA-E
GTIN (EAN)	4032248808700
Qty.	1 pc(s).

Creation date March 22, 2021 9:39:56 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Length	10 m	Length (inches)	393.701 inch
Net weight	812 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		

## General standards

Certificate no. (cULus)	E316369	Connector standard	IEC 61076-2-101
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## Standards

Connector standard	IEC 61076-2-101	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
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**Technical data**
**Cable structure**

Cross-section	2*2*AWG 22/7 - 2*2*0.36 mm <sup>2</sup>	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

**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	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

**Plug, left**

Connector left	M12 D-code – IP 67 straight pin
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**Plug, right**

Connector right	M12 D-code – IP 67 angled pin
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**plug**

Connector left	M12 D-code – IP 67 straight pin	Connector right	M12 D-code – IP 67 angled pin
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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**

Approvals



ROHS	Conform
UL File Number Search	E316369

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**Data sheet****IE-C5DB4RE0100MCSMCA-E****Weidmüller Interface GmbH & Co. KG**  
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Engineering Data	<a href="#">WSCAD</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>

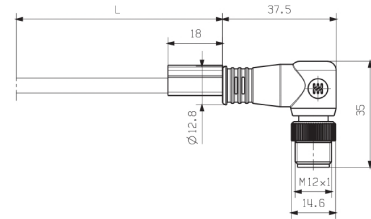
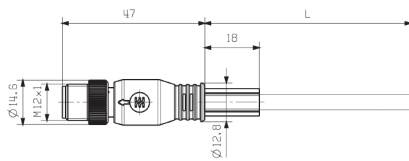
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**Drawings**



**Wiring diagram**

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

**Detailed drawing**

