

**Industrial Ethernet  
IE-C5DB4WE0010MCSXXX-E**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com



Assembled IE cables, railway cable RW (reduced wire),  
Cat. 5, PUR, black, M12

**General ordering data**

Type	IE-C5DB4WE0010MCSXXX-E
Order No.	<a href="#">1269740010</a>
Version	System cable, M12 D-code – IP 67 straight pin, Cat.5 (ISO/IEC 11801), Radox GW S, 1 m
GTIN (EAN)	4050118237757
Qty.	1 pc(s).

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Length	1 m	Length (inches)	0.039 inch
Net weight	60 g	Insulation cross-section	1.58 mm

### Temperatures

Operating temperature, max.	90 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	90 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...90 °C	Storage temperature	-40 °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

Connector standard	IEC 61076-2-101
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### Cable structure

Strands	7	Cross-section	2*2*AWG 22/7 - 2*2*0.36 mm <sup>2</sup>
Insulation cross-section	1.58 mm	Shielding	SF/UTP
Material sheath	Radox GKW S	Sheath diameter, min.	6.2 mm
Sheath diameter, max.	7 mm	Sheathing colour	black

### Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801)
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### 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, in accordance with EN 50268-2, According to IEC 61034-2

### plug

Connector left	M12 D-code – IP 67 straight 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		

### Approvals

ROHS	Conform
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### Downloads

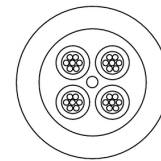
Brochure/Catalogue	<a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>

**Data sheet****Industrial Ethernet  
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**Drawings****Detailed drawing**

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



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# Accessories

### TM HF 12 mm



The TM sleeves contain no halogens and virtually no pollutants. The sleeves are equipped with the TM-I 12 or TM-I 18 tags. They cover a wide range of applications for cables and lines. This system has particularly proved its worth in traffic engineering. The slim design guarantees firm seating on the conductor.

- Halogen-free
- The slim design guarantees firm seating on the conductor
- TMX 18 for mounting with cable-ties (width 3.6 mm)

#### General ordering data

Type	TM 4/12 HF/HB	Version
Order No.	<a href="#">1719840000</a>	TM, Socket x 11.4 mm, Polyethylene LD, Colour: Transparent,
GTIN (EAN)	4008190353193	Conductor O.D.: 6 - 10 mm
Qty.	500 pc(s).	

### TM HF 18 mm



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- Halogen-free
- The slim design guarantees firm seating on the conductor
- TMX 18 for mounting with cable-ties (width 3.6 mm)

#### General ordering data

Type	TM 4/18 HF/HB	Version
Order No.	<a href="#">1719850000</a>	TM, Socket x 11.4 mm, Polyethylene LD, Colour: Transparent,
GTIN (EAN)	4008190353209	Conductor O.D.: 6 - 10 mm
Qty.	500 pc(s).	