

**IE-C5DB4RE0015MCSXXX-X****Weidmüller Interface GmbH & Co. KG**

Klingenbergsstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)



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

**General ordering data**

Version	System cable, M12 D-code – IP 67 straight pin, Open, Cat. 5e, Radox EM 104, 1.5 m
Order No.	<a href="#">1010840015</a>
Type	IE-C5DB4RE0015MCSXXX-X
GTIN (EAN)	4032248800766
Qty.	1 items

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## Technical data

## Approvals

RoHS	Conform
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## Dimensions and weights

Length	1.5 m	Length (inches)	59.0551 inch
Net weight	116.16 g		

## Temperatures

Storage temperature		Operating temperature	-25 °C...85 °C
Installation temperature	-25 °C...90 °C		

## 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

## Cable specific standards

Fluorine content	According to EN 60684-2 Section 45.2	Flames propagate vertically on bundled cables	in accordance with EN 50266, EN 50305, EN 60332-3-25, According to NF C32-070, 2.1, According to UL1685, 12 (FT4 exp.)
Multi-wire metallic data and control cable	According to EN50288-2-2	Hydrogen halide content	According to EN-50267-2-1
Corrosiveness of fumes	EN 50267-2-2	Fire safety for railway vehicles	According to BS 6853, GM/RT 2130, Ia, Ib, II, According to EN 45545, HL1 - HL3, According to DIN 5510 1-4, According to NF F16-101, A1, A2, B, According to UNI CEI 11170, LR1-LR4, NFPA 130
Impervious to smoke	According to BS 6853 Appendix D, According to IEC 61034-2, According to UL1685, 12 (FT4 exp.)	Poisonous gases	According to BS 6853 Appendix B

## General standards

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

Wire connection cross section AWG, max.	AWG 22	Sheathing colour	black
Cross-section	4*AWG 22/7 - 0.32 mm <sup>2</sup>	Shielding	SF/UTP
Number of wires	4	Insulation cross-section	1.95 mm
Insulation	PE	Sheath diameter, max.	7.55 mm
Sheath diameter, min.	6.95 mm	Material sheath	Radox EM 104
Colour coding	yellow, white, orange, blue	Wire material	Copper alloy

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## Electrical properties of cable

Category	Cat. 5e
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## Mechanical and material properties of cable

Resistance to oils	in accordance with EN 50264-1 or EN 50306-1	Halogen	No
Min. bending radius, repetitive	6 *diameter	Min. bending radius, once only	10 x cable diameter
Resistance to spread of flame	in accordance with IEC 60332-1-2, According to NF C32-070, 2.1, NFPA 130	Corrosiveness of fumes	EN 50267-2-2
Impervious to smoke	According to BS 6853 Appendix D, According to IEC 61034-2, According to UL1685, 12 (FT4 exp.)		

## Plug, left

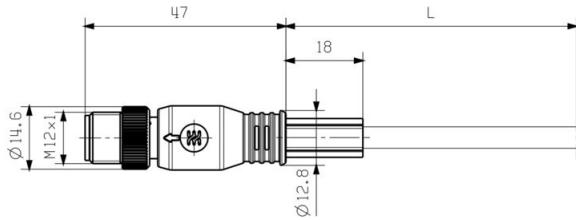
Plug left	M12, D-coded, Number of poles: 4, IP67, male contact, straight, plug, Plastic, shielded
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## Plug, right

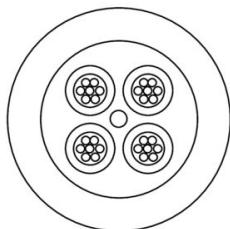
Plug right	free conductor end
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## Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

**Drawings****Wiring diagram**

	M12
yellow	1
white	2
orange	3
blue	4

**Detailed drawing**

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## Accessories

## Tools



Sheathing stripper for PVC cables

## General ordering data

Type	AM 12	Version
Order No.	<a href="#">9030060000</a>	Tools, Sheathing strippers
GTIN (EAN)	4008190337827	
Qty.	1 ST	
Type	IE-CST	Version
Order No.	<a href="#">9204350000</a>	Tools, Sheathing strippers
GTIN (EAN)	4032248653072	
Qty.	1 ST	

## V0 material



SlimFix are conductor and cable markers with a space-saving design. The markers can be fitted even after the conductor has been installed. They consist of halogen-free material and comply with flammability rating V0/V2. SlimFix is an acknowledged and accredited marker type for traffic engineering applications. The SF tool allows easy installation, even in case of small markers.

## Advantages:

- Halogen-free material
- Flammability rating V0/V2
- Approved and accredited markers for traffic engineering applications, etc.
- Has to be fixed with cable ties if the conductor cross-section is larger than 16.0 mm<sup>2</sup>
- Markers in proven MultiCard format

## General ordering data

Type	VT SF 5/21 MC NE WS V0	Version
Order No.	<a href="#">1689470001</a>	SlimFix, Conductor and cable markers, 4.8 - 7.4 mm, 21 x 7.4 mm,
GTIN (EAN)	4008190872571	white
Qty.	160 ST	
Type	VT SF 6/21 MC NE WS V0	Version
Order No.	<a href="#">1730560001</a>	SlimFix, Conductor and cable markers, 5.8 - 7.8 mm, 21 x 8.4 mm,
GTIN (EAN)	4008190954611	white
Qty.	160 ST	

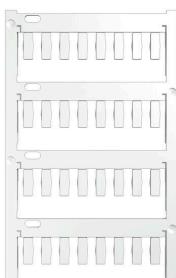
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## Accessories

## 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 GE	Version
Order No.	<a href="#">1718411687</a>	TM-I, Insert markers, 1.5 - 22 mm, 12 x 4 mm, yellow
GTIN (EAN)	4008190348984	
Qty.	320 ST	
Type	TM-I 18 MC NE GE	Version
Order No.	<a href="#">1718431687</a>	TM-I, Insert markers, 1.5 - 22 mm, 18 x 4 mm, yellow
GTIN (EAN)	4008190349028	
Qty.	320 ST	

## 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 ST	

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## 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 ST	