

**IE-C5DB4RE0010MCSXXX-X****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, Open, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), Polyolefine, 1 m
Order No.	<a href="#">1010840010</a>
Type	IE-C5DB4RE0010MCSXXX-X
GTIN (EAN)	4064675074168
Qty.	1 pc(s).

Creation date June 4, 2024 9:33:02 AM CEST

Catalogue status 01.06.2024 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Length	1 m	Length (inches)	39.37 inch
Net weight	80 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	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

## Electrical properties

Rated voltage	125 V
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## 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
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 <sup>2</sup>	Insulation	PE
Material sheath	Polyolefine	Number of wires	4
Sheath diameter, max.	7.55 mm	Sheath diameter, min.	6.95 mm
Sheathing colour	black, SF/UTP	Shielding	SF/UTP
Strands	7		

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## Technical data

### 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
Resistance to spread of flame	in accordance with IEC 60332-1-2		

### Plug, left

Plug left	M12, D-coded, IP67, male contact, straight, plug, Plastic, shielded
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### Plug, right

Plug right	free conductor end
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### Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	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

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	67cf1078-beca-4687-860b-dc475a6ec24a

### Approvals

ROHS	Conform
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### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**Data sheet**

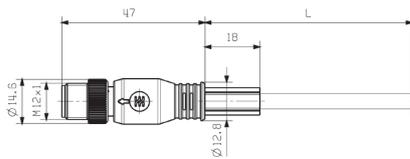
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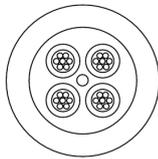
**Drawings**

**Wiring diagram**



	M12
yellow	1
white	2
orange	3
blue	4

**Detailed drawing**



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**Accessories**

**Screwty® cable gland tool**



**The ideal tool for any application**

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

**General ordering data**

Type	SCREWTY SET	Version	Packaging
Order No.	<a href="#">1910000000</a>	Cable gland tool for M8, M12 lines and connectors	Cardboard box
GTIN (EAN)	4032248436842		
Qty.	1 pc(s).		
Type	SCREWTY- M12	Version	Packaging
Order No.	<a href="#">1900000000</a>	Cable gland tool for moulded M12 lines	Cardboard box
GTIN (EAN)	4032248375868		
Qty.	1 pc(s).		

**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 pc(s).	

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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 18 MC NE WS	Version
Order No.	<a href="#">1718431044</a>	TM-I, Insert markers, 18 x 4 mm, white
GTIN (EAN)	4008190349011	
Qty.	320 pc(s).	

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## Screwty® cable gland tool with torque function

**The ideal tool for any application**

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**General ordering data**

Type	SCREWTY SET -DM	Version	Packaging
Order No.	<a href="#">1920000000</a>	Cable gland tool for M8, M12 lines and connectors	Cardboard box
GTIN (EAN)	4032248436859		
Qty.	1 pc(s).		
Type	SCREWTY-M12-DM	Version	Packaging
Order No.	<a href="#">1900001000</a>	Cable gland tool for moulded M12 lines	Cardboard box
GTIN (EAN)	4032248436408		
Qty.	1 pc(s).		

**Tools**

The CST with blue blade cartridge produces the best stripping results. The blue double-stage blade cartridge is particularly suited for Ethernet cables. It saves time and also ensures optimal stripping results.

**General ordering data**

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

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**General ordering data**

Type	TM-I 12 MC NE WS	Version
Order No.	<a href="#">1718411044</a>	TM-I, Insert markers, 12 x 4 mm, white
GTIN (EAN)	4008190348977	
Qty.	320 pc(s).	