



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

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

General ordering data

System cable, M12 D-code – IP 67 straight pin, Open, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568- B), Radox GKW S, 8.5 m
<u>1010840085</u>
IE-C5DB4RE0085MCSXXX-X
4050118514551
1 items





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Technical data

ROHS	Conform		
Dimensions and weights			
	0.5		0040457
Length Net weight	8.5 m 672 g	Length (inches)	334.6457 inch
Temperatures			1
Storage temperature	-40 °C90 °C	Operating temperature	-40 °C90 °C
Installation temperature	-25 °C90 °C		
Environmental Product Compl	iance		
D 110 0 11 01 1			
RoHS Compliance Status RoHS Exemption (if applicable/known)	Compliant with exemption 6c		
ROHS Exemption (if applicable/known) REACH SVHC	Lead 7439-92-1		
SCIP	67cf1078-beca-4687-860b	-dc475a6ec24a	
Cable specific standards		2.1.22222	
Fire protection in buses	According to ISO 6722-1 5.22 (UN ECE-R 118.01)	Fluorine content	According to EN 60684-2 Section 45.2
Flames propagate vertically on bundled cables	According to BS4066-3, DIN EN 50266-2-5, According to IEC 60332-3-25 D	Multi-wire metallic data and control cable	According to EN50288-2-2
Hydrogen halide content	According to EN-50267-2-1, According to IEC 60754-1	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	Impervious to smoke	According to BS 6853 Appendix D, in accordanc with EN 50268-2, According to IEC 61034-2
Poisonous gases	According to BS 6853 Appendix B		
Cable structure			
Strands	7	Sheathing colour	black
Cross-section	2*2*AWG 22/7 - 2*2*0.36 mm ²	Shielding	SF/UTP
Insulation cross-section	1.95 mm	Sheath diameter, max.	7.55 mm
Sheath diameter, min.	6.95 mm	Material sheath	Radox GKW S
Electrical properties of cable			
Category	Cat.5 (ISO/IEC 11801) /		
outogol y	Cat.5e (TIA T568-B)		
Mechanical and material prop	erties of cable		
Resistance to oils	in accordance with EN	Halogen	halogen-free, according to
Min handing wedier was tit	50306-3	Alamaniam mani-ta	IEC 60754-2
Min. bending radius, repetitive	6 *diameter	Abrasion resistance	very good

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Technical data

Resistance to spread of flame	in accordance with IEC 60332-1-2	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, left			
Plug left	M12, D-coded, IP67, male contact, straight, plug, Plastic, shielded		
Plug, right			
Plug right	free conductor end		
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	·	
202100 10.0	27 00 00 00		





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Drawings	www.weiamueiler.com
	Wiring diagram
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

Туре	SCREWTY SET	Version	
Order No.	1910000000	Cable gland tool for M8, M12 lines and connectors	
GTIN (EAN)	4032248436842		
Qty.	1 ST		

Screwty® cable gland tool with torque function

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

Туре	SCREWTY SET -DM	Version
Order No.	<u>1920000000</u>	Cable gland tool for M8, M12 lines and connectors
GTIN (EAN)	4032248436859	
Qty.	1 ST	

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General ordering data

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Туре	SCREWTY- M12	Version	
Order No.	<u>190000000</u>	Cable gland tool for moulded M12 lines	
GTIN (EAN)	4032248375868		
Qty.	1 ST		

Screwty® cable gland tool with torque function

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-M12-DM	Version
Order No.	<u>1900001000</u>	Cable gland tool for moulded M12 lines
GTIN (EAN	4032248436408	
Qty.	1 ST	

Tools

Sheathing stripper for PVC cables



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Accessories

General ordering data

Type	AM 12	Version
Order No.	9030060000	Tools, Sheathing strippers
GTIN (EAN)	4008190337827	
Qty.	1 ST	
Туре	IE-CST	Version
Type Order No.	1E-CST 9204350000	Version Tools, Sheathing strippers

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. Preattachment 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.

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General ordering data

Type	TM-I 12 MC NE WS	Version
Order No.	<u>1718411044</u>	TM-I, Insert markers, 12 x 4 mm, white
GTIN (EAN)	4008190348977	
Qty.	320 ST	
Туре	TM-I 18 MC NE WS	Version
O I NI		
Order No.	<u>1718431044</u>	TM-I, Insert markers, 1.5 - 22 mm, 18 x 4 mm, white
GTIN (EAN)	1718431044 4008190349011	TM-I, Insert markers, 1.5 - 22 mm, 18 x 4 mm, white