

IE-C5DB4BB0150MSSXXX-X**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

General ordering data

Version	System cable, M12 D-code – IP 67 straight socket, Open, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), Polyolefine, 15 m
Order No.	3028760150
Type	IE-C5DB4BB0150MSSXXX-X
GTIN (EAN)	4099987135290
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	15 m	Length (inches)	590.551 inch
Net weight	2,000 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-40 °C...90 °C
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Cable specific standards

Corrosiveness of fumes	EN 50267-2-2	Fire safety for railway vehicles	NFPA 130, DIN EN 45545-2, in accordance with EN 50306-3
Flames propagate vertically on bundled cables	EN 60332-3-25	Hydrogen halide content	According to EN-50267-2-1
Impervious to smoke	EN 61034-2	Multi-wire metallic data and control cable	IEC 61156-6
Poisonous gases	EN 50305		

Electrical properties

Insulation strength	≥ 5000 MΩ	Rated voltage	125 V
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General standards

Connector standard	IEC 61076-2-101
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Standards

Connector standard	IEC 61076-2-101	Corrosiveness of fumes	EN 50267-2-2
Fire safety for railway vehicles	NFPA 130, DIN EN 45545-2, in accordance with EN 50306-3	Flames propagate vertically on bundled cables	EN 60332-3-25
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Multi-wire metallic data and control cable	IEC 61156-6	Poisonous gases	EN 50305

Cable structure

Colour coding	blue, yellow, white, orange	Copper diameter	0.25 mm
Cross-section	4*AWG 22/7 - 0.32 mm ²	Insulation	PE
Material sheath	Polyolefine	Number of wires	4
Sheath diameter, max.	6.8 mm	Sheath diameter, min.	6.4 mm
Sheathing colour	blue	Sheathing material thickness	1 mm
Shielding	SF/UTP	Wire connection cross section AWG, max.	AWG 22
Wire core insulation thickness	1.4 mm	Wire material	tinned copper

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	Coupling attenuation up to 1000 MHz	90 dB
Coupling resistance at 10 MHz / m	8 mΩ	Insulation strength	≥ 5000 MΩ
Shield attenuation up to 1000 MHz	60 dB	Test voltage: wire-wire-shield	1000 V _{eff} , 50 Hz, 1 min

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Technical data**Mechanical and material properties of cable**

Corrosiveness of fumes	EN 50267-2-2	Halogen	No
Impervious to smoke	EN 61034-2	Min. bending radius, once only	5 x cable diameter
Min. bending radius, repetitive	6 *diameter	Resistance to oils	in accordance with IEC 60811:404
Resistance to spread of flame	in accordance with IEC 60332-1-2, EN 60332-3-25		

Plug, left

Plug left	M12, D-coded, Number of poles: 4, IP67, female 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
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		

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

Downloads

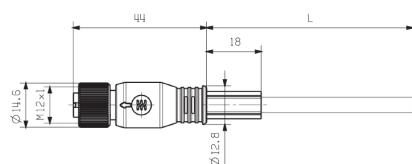
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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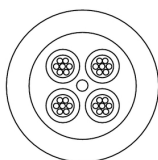
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www.weidmueller.com**Drawings****Dimensioned drawing****Wiring diagram**

	M12
yellow	1
white	2
orange	3
blue	4

Detailed drawing

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Accessories

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

Screwty® cable gland tool



The ideal tool for any application

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General ordering data

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