

IE-C5DB4WE0030A70A70-E**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Assembled IE lines, railway cable RW (reduced wire), cat.
5, PUR, black, plug on both sides RJ45 IP20 without tools

General ordering data

Version	System cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801), Radox GKW S, 3 m
Order No.	1421710030
Type	IE-C5DB4WE0030A70A70-E
GTIN (EAN)	4050118226287
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Length	3 m	Length (inches)	118.1102 inch
Net weight	264 g		

Temperatures

Storage temperature	-40 °C...90 °C	Operating temperature	-40 °C...90 °C
Installation temperature			

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Cable specific standards

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 accordance with EN 50268-2, According to IEC 61034-2
Poisonous gases	According to BS 6853 Appendix B		

General standards

Connector standard	IEC 60603-7-51
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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	1.58 mm	Sheath diameter, max.	7 mm
Sheath diameter, min.	6.2 mm	Material sheath	Radox GKW S

Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801)
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Mechanical and material properties of cable

Resistance to oils	in accordance with EN 50306-3	Halogen	halogen-free, according to IEC 60754-2
Min. bending radius, repetitive	6 * diameter	Abrasion resistance	very good
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	RJ45, IP20, male contact, straight, plug, Zinc diecast, shielded
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Plug, right

Plug right	RJ45, IP20, male contact, straight, plug, Zinc diecast, shielded
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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		

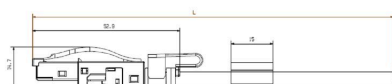
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Drawings

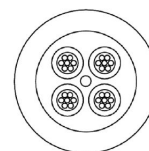
Dimensioned drawing



Wiring diagram

RJ45		RJ45
1	yellow	1
2	orange	2
3	white	3
6	blue	6

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
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

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General ordering data

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

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General ordering data

Type	SCREWTY- M12	Version
Order No.	1900000000	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
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General ordering data

Type	SCREWTY-M12-DM	Version
Order No.	1900001000	Cable gland tool for moulded M12 lines
GTIN (EAN)	4032248436408	
Qty.	1 ST	

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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.	1719840000	TM, Socket x 11.4 mm, Polyethylene LD, Colour: Transparent,
GTIN (EAN)	4008190353193	Conductor O.D.: 6 - 10 mm
Qty.	500 ST	

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.	1719850000	TM, Socket x 11.4 mm, Polyethylene LD, Colour: Transparent,
GTIN (EAN)	4008190353209	Conductor O.D.: 6 - 10 mm
Qty.	500 ST	