

## IE-C5DB4WE0200A70A70-E

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://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. 5e, Radox EM 104, 20 m
Order No.	<a href="#">1421710200</a>
Type	IE-C5DB4WE0200A70A70-E
GTIN (EAN)	4050118233070
Qty.	1 items

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## Technical data

### Approvals

ROHS Conform

### Dimensions and weights

Length	20 m	Length (inches)	787.4016 inch
Net weight	1364 g		

### Temperatures

Storage temperature	Operating temperature	-40 °C...70 °C
Installation temperature		

### Environmental Product Compliance

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

### 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 60603-7-51
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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	1.55 mm
Insulation	PE	Sheath diameter, max.	7 mm
Sheath diameter, min.	6.2 mm	Material sheath	Radox EM 104
Colour coding	yellow, white, orange, blue	Wire material	Copper alloy

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**Technical data**

**Electrical properties of cable**

Category Cat. 5e

**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 RJ45, IP20, male contact, straight, plug, Zinc diecast, shielded

**Plug, right**

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

**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

## Dimensioned drawing

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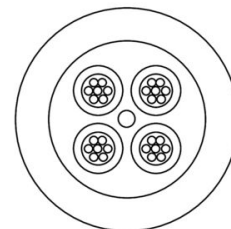
## Wiring diagram

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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.	<a href="#">1910000000</a>		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

Type	SCREWTY SET -DM	Version	
Order No.	<a href="#">1920000000</a>		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.	<a href="#">1900000000</a>		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.	<a href="#">1900001000</a>		Cable gland tool for moulded M12 lines
GTIN (EAN)	4032248436408		
Qty.	1 ST		

**Accessories**

**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		

**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		