

**IE-C6GB8RB0200XCSXCS-E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Assembled IE cables, railway cable, Cat.7, blue, M12

**General ordering data**

Version	, M12 X-type IP 67 straight male, M12 X-type IP 67 straight male, 20 m
Order No.	<a href="#">2464200200</a>
Type	IE-C6GB8RB0200XCSXCS-E
GTIN (EAN)	4064675008798
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Length	20 m	Length (inches)	787.402 inch
Net weight	1,728 g		

## Cable specific standards

Corrosiveness of fumes		Fire safety for railway vehicles	According to EN 45545, HL1 - HL3, According to DIN 5510 1-4, According to UNI CEI 11170, LR1-LR4, According to NFPA 130, According to BS 6853, GM/RT 2130, Ia, Ib, II, According to NF F16-101, A1, A2, B
Flames propagate vertically on bundled cables	to IEC 60754-2 in accordance with IEC 60332-1-2, EN 50305, According to IEC 60332-3-25 D, According to BS 6853 Appendix D, According to NF C32-070, 2.1, According to NF C32-070, 2.2, According to UL1685, 12 (FT4 exp.), in accordance with EN 50266	Fluorine content	According to EN 60684-2 Section 45.2
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

## Standards

Corrosiveness of fumes		Fire safety for railway vehicles	According to EN 45545, HL1 - HL3, According to DIN 5510 1-4, According to UNI CEI 11170, LR1-LR4, According to NFPA 130, According to BS 6853, GM/RT 2130, Ia, Ib, II, According to NF F16-101, A1, A2, B
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## Cable structure

Cross-section	4*2*AWG24/7 - 4*2*0.2 mm <sup>2</sup>	Sheath diameter, max.	8.6 mm
Sheath diameter, min.	7.6 mm	Sheathing colour	blue, S/FTP
Shielding	S/FTP	Strands	7

Creation date May 1, 2024 6:00:25 PM CEST

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## Mechanical and material properties of cable

Abrasion resistance	very good	Corrosiveness of fumes	to IEC 60754-2
Halogen		Impervious to smoke	According to BS 6853 Appendix D, According to IEC 61034-2, According to UL1685, 12 (FT4 exp.)
	halogen-free, according to IEC 60754-2		
Min. bending radius, repetitive	4 x cable diameter	Resistance to oils	Yes
Resistance to spread of flame	einfügen EN60332		

## Plug, left

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

Plug right	M12, X-coded, IP67, male contact, straight, plug, Plastic, shielded
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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

Catalogues	<a href="#">Catalogues in PDF-format</a>
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**Drawings****Wiring**

M12	1	White, Orange	1	M12
	2	Orange	2	
	3	White, Green	3	
	4	Green	4	
	5	White, Brown	5	
	6	Brown	6	
	7	White, Blue	7	
	8	Blue	8	

**Pinning**

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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.	<a href="#">1900001000</a>	Cable gland tool for moulded M12 lines	Cardboard box
GTIN (EAN)	4032248436408		
Qty.	1 pc(s).		
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).		

## 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- 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).		
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).		