

## IE-C5DS4UG0020MBSMCS-E

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

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



Assembled IE cables, PROFINET, Cat. 5, PUR, green

### General ordering data

Version	System cable, M12 D-code – flange, M12 D-code – pin straight, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 2 m
Order No.	<a href="#">1244130020</a>
Type	IE-C5DS4UG0020MBSMCS-E
GTIN (EAN)	4050118045628
Qty.	1 items

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## Technical data

## Approvals

ROHS	Conform
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## Dimensions and weights

Length	2 m	Length (inches)	78.7402 inch
Net weight	131.12 g		

## Temperatures

Storage temperature	-50 °C...70 °C	Operating temperature	-40 °C...70 °C
Installation temperature	-20 °C...60 °C		

## 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

## Cable structure

Sheathing colour	green (RAL 6018)	Cross-section	4*AWG 22/7 - 0.32 mm <sup>2</sup>
Shielding	360°; shield contact	Insulation cross-section	1.5 mm
Sheath diameter, max.	6.7 mm	Material sheath	PUR

## Electrical properties of cable

Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
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## Mechanical and material properties of cable

Halogen	halogen-free, according to IEC 60754-2	Min. bending radius, repetitive	15 x cable diameter
Min. bending radius, once only	5 x cable diameter	Resistance to spread of flame	Yes

## Plug, left

Plug left	M12, D-coded, IP67, female contact, straight, flange, Plastic, shielded
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## Plug, right

Plug right	M12, D-coded, IP67, male contact, straight, plug, Plastic, shielded
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## Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-07		

**Drawings**

**Wiring diagram**

M12		M12
1	yellow	1
2	white	2
3	orange	3
4	blue	4

**Dimensioned drawing**



Hexagon nut enclosed loosely

**Dimensioned drawing**



with through hole

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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



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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		

## 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. Pre-attachment 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.

## General ordering data

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