

## Industrial Ethernet IE-C5ES8UG0003M40M40-G

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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Assembled cables, patch cable Cabinet Line, Cat. 5, PUR, green

### General ordering data

Type	IE-C5ES8UG0003M40M40-G
Order No.	<a href="#">1166000003</a>
Version	System cable, RJ45 IP 20, RJ45 IP 20, Cat.5 (ISO/IEC 11801), PUR, 0.3 m
GTIN (EAN)	4050118200508
Qty.	1 pc(s).

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Length	0.3 m	Length (inches)	0.012 inch
Net weight	30 g	Insulation cross-section	0.98 mm

**Temperatures**

Operating temperature, max.	75 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...75 °C	Installation temperature	-10 °C...60 °C

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Cable structure**

Wire material	Stranded tin-plated copper wire	Strands	7
Cross-section	4*2*AWG 26/7 - 4*2*0.128 mm <sup>2</sup>	Insulation	PE
Insulation cross-section	0.98 mm	Number of wires	8
Arrangement of wire cores	Twisted pair	Wire pair shielding	Aluminium foil
Colour sequence or wires - wire pairs	white/blue - blue, white/ orange - orange, white/ green - green, white/ brown - brown	Complete shielding	Shielding braid made from copper wiring
Material sheath	PUR	Sheath diameter, min.	5.6 mm
Sheath diameter, max.	6 mm	Sheathing colour	green (RAL 6018)

**Electrical properties of cable**

Category	Cat.5 (ISO/IEC 11801)	Test voltage: wire-wire-shield	750 V DC, 1 min
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**Mechanical and material properties of cable**

Min. bending radius, once only	5 x cable diameter	Min. bending radius, repetitive	10 x cable diameter
Abrasion resistance	very good	Resistance to spread of flame	in accordance with IEC 60332-1
Resistance to oils	EN 50305	Silicone-free	Yes
Halogen	halogen-free, according to IEC 60754-2		

**plug**

Connector left	RJ45 IP 20	Connector right	RJ45 IP 20
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**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
eClass 9.0	27-06-03-08	eClass 9.1	27-06-03-08
eClass 10.0	27-06-03-08		

**Approvals**

ROHS	Conform
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**Data sheet****Industrial Ethernet  
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**Technical data****Downloads**

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Brochure/Catalogue	<a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a>
Product Change Notification	<a href="#">PCN-PB47-20180213-00-A_EN</a> <a href="#">PCN-PB47-20180213-00-A_DE</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a>

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**Drawings****Wiring**

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RJ45	1	white, orange	1	RJ45
	2	orange	2	
	3	white, green	3	
	4	blue	4	
	5	white, blue	5	
	6	green	6	
	7	white, brown	7	
	8	brown	8	

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**Accessories**

**Blank**



TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are five 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 SMark laser printer, PrintJet ADVANCED, plotter, MC-Mobilo 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 18 MC NE WS	Version
Order No.	<a href="#">1718431044</a>	TM-I, Insert markers, 18 x 4 mm, white
GTIN (EAN)	4008190349011	
Qty.	320 pc(s).	

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**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 pc(s).	