

Industrial Ethernet
IE-C5DS4UG0005MBSMCS-E

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

General ordering data

Type	IE-C5DS4UG0005MBSMCS-E
Order No.	1244130005
Version	System cable, M12 D-code – flange, M12 D-code – pin straight, Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B), PUR, 0.5 m
GTIN (EAN)	4050118045192
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	0.5 m	Length (inches)	0.02 inch
Net weight	63 g	Insulation cross-section	1.5 mm

Temperatures

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

Cable structure

Cross-section	4*AWG 22/7 - 0.36 mm ²	Insulation cross-section	1.5 mm
Shielding	360° shield contact	Material sheath	PUR
Sheath diameter, max.	6.7 mm	Sheathing colour	green (RAL 6018)

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

Min. bending radius, once only	5 x cable diameter	Min. bending radius, repetitive	15 x cable diameter
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plug

Connector left	M12 D-code – flange	Connector right	M12 D-code – pin straight
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Classifications

ETIM 3.0	EC000830	ETIM 4.0	EC000830
ETIM 5.0	EC000830	ETIM 6.0	EC002599
eClass 6.2	27-06-18-01	eClass 7.1	27-06-18-01
eClass 8.1	27-06-18-01	eClass 9.0	27-06-18-01
eClass 9.1	27-06-03-08		

Approvals

ROHS	Conform
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Data sheet**Industrial Ethernet
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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