

Cable/PN/M12-4SMX/M12-4SMX/D/0,5/Q324/GN

C1000005

Connection lead for PROFINET, CAT5e, shielded, 4-pin M12 male connector, straight, D-coded, on 4-pin M12 male connector, straight, D-coded, conductor cross section: 4 x 0.34 mm², cable length: 0.5 m

Technical details

General data	
Approval:	CE, UKCA,
Technical data	
Electrical data	
Rated current:	1.5 A
Typ. conductor resistance K1:	≤55.4 Ohm/km at 20 °C
Typ. characteristic imped. K1:	100 Ohm ± 15 Ohm
Environmental data	
Ambient temperature:	-40 - 90 °C
Ambient temp. with UL:	-40 - 80 °C
Pollution degree clear.&creep.:	3
Mechanical data	
Connector type 1:	4-pin M12 male connector
Shape of connector type 1:	straight
Connector type 2:	4-pin M12 male connector
Shape of connector type 2:	straight
Matl threaded ring conn 1:	CuZn nickel-plated
Contact surfaces material 1:	CuZn, Ni b/Au 0.2 gal.
Material of pins:	CuZn
Cable material K1:	Cu

Insulation material cable K1:	FEP (RoHS)
Cable type K1:	S/FTP
Length cable:	0.5 m
Material shield surface K1:	CuZn
Category of cable K1:	Cat5e
Colour cable insulation 1:	Green, RAL6018
Housing colour:	Black
Material of cable insulation 1:	PUR
Trailing capability of cable 1:	no
Bend radius (when laying) K1:	12 x Ø
Max. outside diameter cable K1:	7.4 - 7.4 mm
Diameter data line AWG K1:	22
Stranding K1:	twisted pair, (2x2xAWG22)
Shielding K1:	yes
Type of shielding K1:	Wire mesh
Number of conductors:	4
Approvals for cable K1:	UL AWM-Style 21923, verified ANSI/TIA-568-C.2
Halogen-free:	no
Oil resistance:	resistant
Flame resistance:	UL FT2
Torque interlocking screw:	0.4 Nm
Net weight:	60 g
Gross weight:	65 g
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)