

Cable/CA/M12-5AFX/M12-5AM/A/003/XXXX/SH

C1000047



Connection lead, 5-pin M12 male connector on 5-pin M12 female connector, angled, twisted pair, shielded, cable length: 3 m

Technical details

General data

Approval: CE, UKCA, cULus Listed

Technical data

Electrical data

Rated current: 4 A

Typ. cond.resist. data cab. K1: $\leq 87.5 \text{ Ohm/km at } 20 \text{ }^{\circ}\text{C}$

Insulation resistance cable K1: $> 2.5 \text{ MOhm/KFT}$

Typ. characteristic imped. K1: $120 \text{ Ohm} \pm 15 \text{ Ohm}$

Environmental data

Ambient temperature: $-40 - 80 \text{ }^{\circ}\text{C}$

Pollution degree clear.&creep.: 3

Mechanical data

Connector type 1: 5-pin M12 female connector

Shape of connector type 1: angled

Coding of M12 connector 1: A coded

Connector type 2: 5-pin M12 male connector

Shape of connector type 2: angled

Coding of M12 connector 2: A coded

Matl threaded ring conn 1: CuZn nickel-plated

Matl threaded ring conn 2: CuZn nickel-plated

Contact surfaces material 1:	CuZn, Ni b/Au 0.2 gal.
Contact surfaces material 2:	CuZn, Ni b/Au 0.2 gal.
Seal material:	FKM
Material of pins:	CuZn
Material of sockets:	CuZn
Cable material K1:	Cu
Length cable:	3 m
Material shield surface K1:	Cu
Colour cable insulation 1:	Signal yellow RAL1003
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:	7.7 - 7.7 mm
Insulation mat. data cable K1:	FM-PE
Insul. mat. supply cable K1:	HD-PE
Diameter data line AWG K1:	24
Cross section data cable K1:	0.22mm ²
Cross section UB cable K1:	0.50mm ²
Cross section shield cable K1:	0.50mm ²
Stranding K1:	(1x2xAWG24+Al)+(1x2xAWG21+Al), Around shielding
Shielding K1:	yes
Type of shielding K1:	Wire mesh
Number of conductors:	5
Approvals for cable K1:	CSA AWM I/II A/B, UL AWM-Style 20233
Halogen-free:	yes
Oil resistance:	resistant
Flame resistance:	UL FT2, UL 20233
Torque interlocking screw:	0.4 Nm

Net weight:	242 g
Gross weight:	252 g
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)