

Cable/PW/M12-5SMX/M12-5SFX/L/005/1Q50/BK

C1000012



Connection lead, power supply, 5-pin M12 male connector, straight, L-coded on 5-pin female connector, straight, L-coded, conductor cross section: 5 x 1.5 mm², 12 A, cable length: 5 m

Technical details

General data

Approval: CE, UKCA, cULus Listed

Technical data

Electrical data

Rated current: 12 A

Typ. conductor resistance K1: 58 Ohm/km

Specific contact resistance K1: $\geq 1 \text{E}+16 \text{ Ohm} \cdot \text{cm}$

Environmental data

Ambient temperature: -30 - 90 °C

Ambient temp. with UL: 80 °C

Clearance & creepage dist. to: IEC 60664-1

Pollution degree clear.&creep.: 2

Mechanical data

Connector type 1: 5-pin M12 male connector

Shape of connector type 1: straight

Connector type 2: 5-pin M12 female connector

Shape of connector type 2: straight

Contact surfaces material 1: Ni b / Au 0.2 gal.

Contact surfaces material 2: Ni b / Au 0.2 gal.

Seal material: FPM

Material of pins:	CuNi
Material of sockets:	CuNi
Cable material K1:	Cu
Insulation material cable K1:	PP (9Y)
Cable type K1:	Li9Y11Y
Length cable:	5 m
Colour cable insulation 1:	Jet black RAL 9005
Housing colour:	Black
Material of cable insulation 1:	TPU / TPE-U
Trailing capability of cable 1:	yes
Bend radius (when laying) K1:	5 x Ø
Max. outside diameter cable K1:	8 - 8 mm
Conductor cross section:	1.5 - 1.5 mm ²
Stranding K1:	5 cores round filler
Shielding K1:	no
Number of conductors:	5
Approvals for cable K1:	UL AWM-Style 20549
Approvals for connector 1:	UL 94 HB
Approvals for connector 2:	UL 94 HB
Halogen-free:	yes
Halogen-free to standard:	DIN VDE 0472-815
Oil resistance:	resistant
Oil resistance to standard:	DIN EN 60811-2-1
Flame resistance:	cULus 20549
Torque interlocking screw:	0.6 Nm
Net weight:	631 g
Gross weight:	641 g
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)

Commercial data	
Harmonized System Code:	85444290
UNSPSC 25:	26121603
EAN-Code:	4046548102543
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27060307
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000001
ETIM Reference Feature:	EC003249
Volume:	2.028