

Cable/PW/M12-5SMX/M12-5SFX/L/003/1Q50/BK

C1000011



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: 3 m

Technical details

General data	
Approval:	CE, UKCA
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:	3 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:	405 g
Gross weight:	411 g
Environment	
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)