

4

3

2

1

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NOTES:
Tolerances cable lengths:
0m to 0.5m +30mm
0.5m to 1.0m +50mm
1.0m to 3.0m +100mm
< 3.0m +1.5%

TECHNICAL DATA

Operating voltage	max. 250 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread M12 x 1 mm (recommended torque 0.6 Nm) self-securing
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)

PUR CABLE

No./diameter of wires	4 x 0.34 mm ²
Wire isolation	PP (br, wh, bl, bk)
C-track properties	5 million
Jacket	PUR (UL/CSA)
Outer diameter	approx. 4.7 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	–40...+80 °C
Temperature range (mobile)	–25...+80 °C

PVC CABLE

No./diameter of wires	4 x 0.34 mm ²
Wire isolation	PVC (br, wh, bl, bk)
C-track properties	
Jacket	PVC (UL/CSA)
Outer diameter	approx. 5.0 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	–30...+80 °C
Temperature range (mobile)	–5...+80 °C

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	ECR–14–015049	13OCT2014	GSK	BvH
	A2	ECR–16–003945	16MAR2016	GSK	BvH

Diagram of cable assembly with length L and connector details.

CONTACT LAYOUT

Male

Female

Schematic diagram

1	flexible wire brown (+)	1
2	flexible wire white (N/C)	2
3	flexible wire blue (–)	3
4	flexible wire black (N/O)	4

4 pos	2.0mtr	PVC	Black	1–2273117–5	4x22AWG PVC 2.0m	10
	1.5mtr			1–2273117–4	4x22AWG PVC 1.5m	9
	1.0mtr			1–2273117–3	4x22AWG PVC 1.0m	8
	0.6mtr			1–2273117–2	4x22AWG PVC 0.6m	7
	0.3mtr			1–2273117–1	4x22AWG PVC 0.3m	6
4 pos	2.0mtr	PUR	Black	2273117–5	4x22AWG PUR 2.0m	5
	1.5mtr			2273117–4	4x22AWG PUR 1.5m	4
	1.0mtr			2273117–3	4x22AWG PUR 1.0m	3
	0.6mtr			2273117–2	4x22AWG PUR 0.6m	2
	0.3mtr			2273117–1	4x22AWG PUR 0.3m	1
LENGTH”L”		MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± –
1 PLC	± –
2 PLC	± –
3 PLC	± –
4 PLC	± –
ANGLES	± –
FINISH	–

MATERIAL

–

DWN
YATHISH.C
29NOV2013

CHK
B.VELDHOVEN
29NOV2013

APVD
A.VAN ZANDVOORT
29NOV2013

PRODUCT SPEC
108–19483

APPLICATION SPEC
114–32127

WEIGHT

CUSTOMER DRAWING

SCALE
NTS

SHEET
1 OF 1

REV
A2

STE
TE Connectivity

NAME
M12 STRGT PLUG TO M12 ANGLED SOCKET AA

SIZE
A3

CAGE CODE
00779

DRAWING NO
C=2273117

RESTRICTED TO
–

1470–19 (1/15)

Mouser Electronics

Authorized Distributor

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