

4

3

2

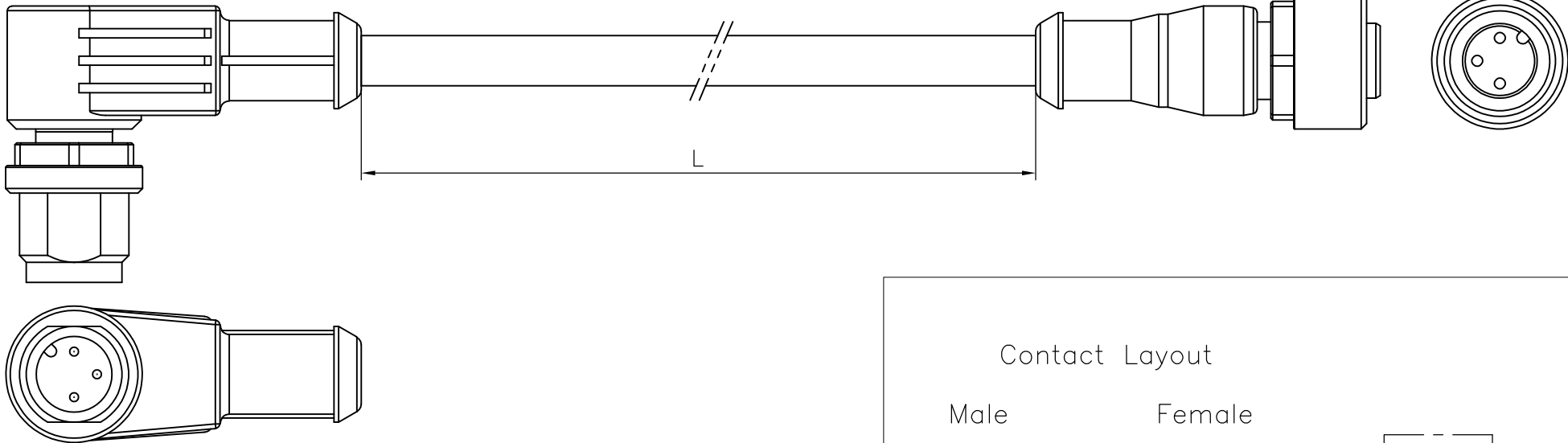
1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT – By – ALL RIGHTS RESERVED.

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%



REVISIONS

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

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

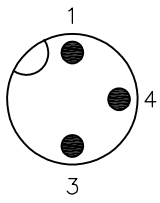
No./diameter of wires	3 x 0.34 mm²
Wire isolation	PP (br, bl, bk)
C-track properties	5 million
Jacket	PUR (UL/CSA)
Outer diameter	approx. 4.3 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C

PVC CABLE

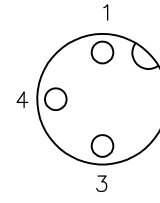
No./diameter of wires	3 x 0.34 mm²
Wire isolation	PVC (br, bl, bk)
C-track properties	
Jacket	PVC (UL/CSA)
Outer diameter	approx. 4.6 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

Contact Layout

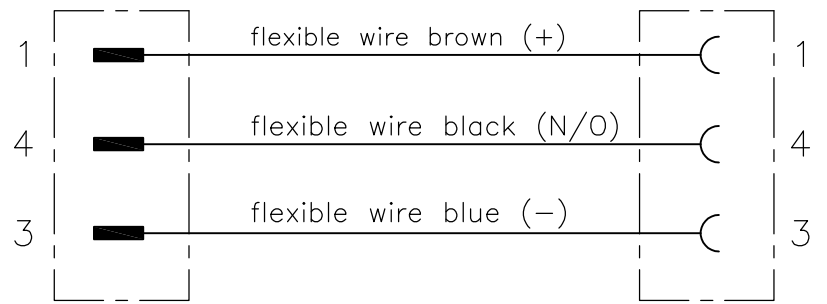
Male



Female



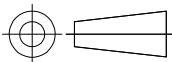
Schematic diagram



3 pos	2.0mtr	PVC	Black	1-2273120-5	3x22AWG PVC 2.0m	10
	1.5mtr			1-2273120-4	3x22AWG PVC 1.5m	9
	1.0mtr			1-2273120-3	3x22AWG PVC 1.0m	8
	0.6mtr			1-2273120-2	3x22AWG PVC 0.6m	7
	0.3mtr			1-2273120-1	3x22AWG PVC 0.3m	6
3 pos	2.0mtr	PUR	Black	2273120-5	3x22AWG PUR 2.0m	5
	1.5mtr			2273120-4	3x22AWG PUR 1.5m	4
	1.0mtr			2273120-3	3x22AWG PUR 1.0m	3
	0.6mtr			2273120-2	3x22AWG PUR 0.6m	2
	0.3mtr			2273120-1	3x22AWG 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 ANGLED PLUG TO M12 STRGT SOCKET AA

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-2273120

RESTRICTED TO
-

1470-19 (1/15)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1-2273120-5](#)