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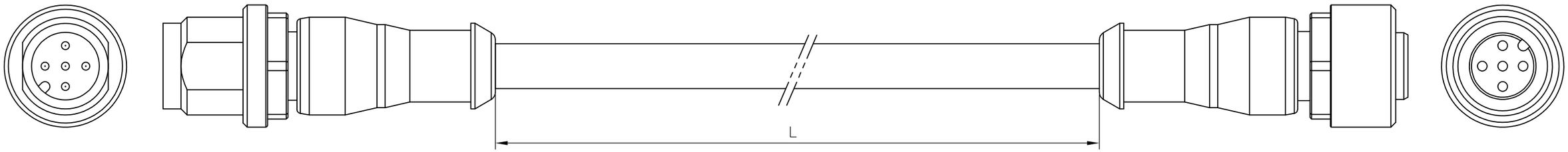
LOC	DIST
H	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	INITIAL RELEASE	29NOV2013	YC	BvH
	A1	ECR-14-015049	13OCT2014	GSK	BvH

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%



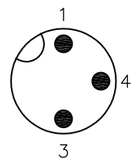
TECHNICAL DATA	
Operating voltage	max. 250 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread M12 x 1 mm (recommended torque 0.6 Nm) self-securing
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)

PUR CABLE	
No./diameter of wires	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

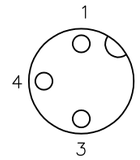
PVC CABLE	
No./diameter of wires	3 x 0.34 mm²
Wire isolation	PVC (br, bl, bk)
C-track properties	
Jacket	PVC (UL/CSA)
Outer diameter	approx. 4.6 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

Contact Layout

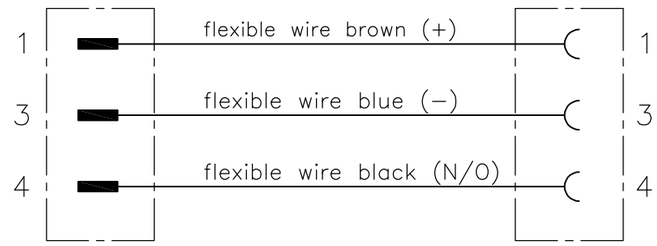
Male



Female



Schematic diagram



	LENGTH"L"	MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM
3 pos	2.0mtr	PVC	Black	1-2273112-5	3x22AWG PVC 2.0m	10
	1.5mtr			1-2273112-4	3x22AWG PVC 1.5m	9
	1.0mtr			1-2273112-3	3x22AWG PVC 1.0m	8
	0.6mtr			1-2273112-2	3x22AWG PVC 0.6m	7
	0.3mtr			1-2273112-1	3x22AWG PVC 0.3m	6
3 pos	2.0mtr	PUR	Black	2273112-5	3x22AWG PUR 2.0m	5
	1.5mtr			2273112-4	3x22AWG PUR 1.5m	4
	1.0mtr			2273112-3	3x22AWG PUR 1.0m	3
	0.6mtr			2273112-2	3x22AWG PUR 0.6m	2
	0.3mtr			2273112-1	3x22AWG PUR 0.3m	1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± -
2 PLC	± -
3 PLC	± -
4 PLC	± -
ANGLES	± -

MATERIAL -

FINISH -

DWN	YATHISH.C	29NOV2013
CHK	B.VELDHOVEN	29NOV2013
APVD	A.VAN ZANDVOORT	29NOV2013
PRODUCT SPEC	108-19483	
APPLICATION SPEC	114-32127	
WEIGHT	—	

TE Connectivity

NAME: M12 STRGT PLUG TO M12 STRGT SOCKET AA

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2273112	—

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 1 | REV A1