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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APV
	A	INITIAL RELEASE	29NOV2013	YC	Bvh
	A1	ECR-14-015049	13OCT2014	GSK	Bvh
	A2	ECR-16-003945	16MAR2016	GSK	Bvh

NOTES:

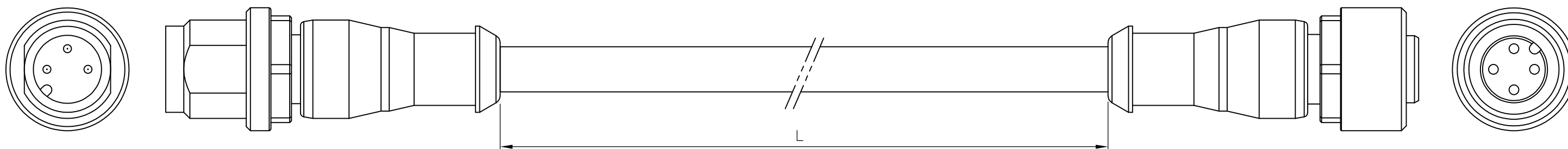
Tolerances cable lengths:

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 mm ²
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 mm ²
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

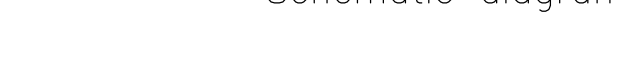
Male



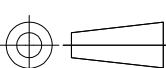
Female



Schematic diagram



3 pos	2.0mtr	PVC	Black	1-2273112-5	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
	LENGTH"L"	MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN YATHISH.C 29NOV2013 CHK B.VELDHoven 29NOV2013 APVD A.VAN ZANDVOORT 29NOV2013		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		NAME M12 STRGT PLUG TO M12 STRGT SOCKET AA	
		PRODUCT SPEC 108-19483		SIZE A3	
MATERIAL -		APPLICATION SPEC 114-32127		CAGE CODE 00779	
FINISH -		WEIGHT -		DRAWING NO C-2273112	
CUSTOMER DRAWING				SCALE NTS	
				SHEET 1 OF 1	
				REV A2	

Mouser Electronics

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[1-2273112-5](#)