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

NOTES:

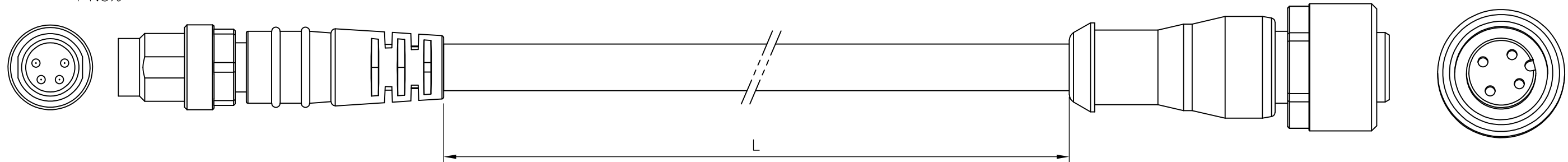
Tolerances cable lengths:

0m to 0.5m	+30mm
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0.5m to 1.0m	+50mm
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1.0m to 3.0m	+100mm
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< 3.0m	+1.5%
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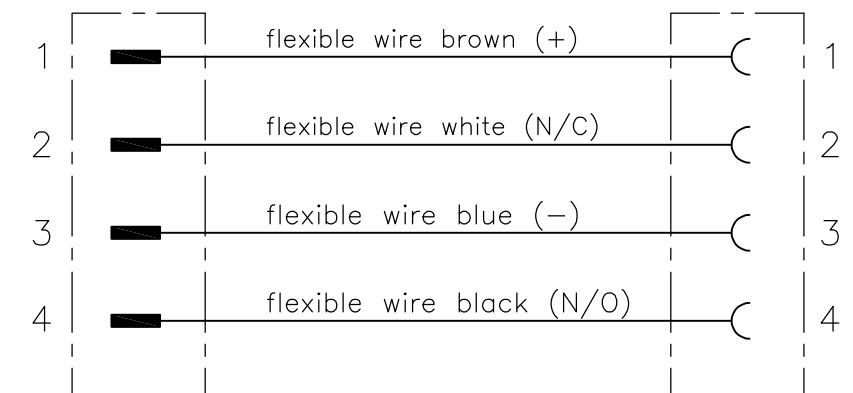
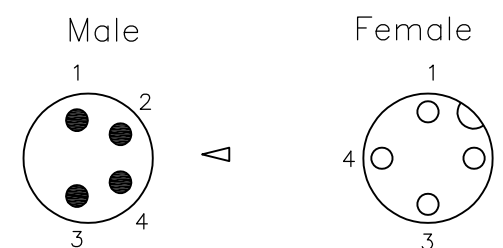
TECHNICAL DATA	
Operating voltage	max. 30 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread M8/M12 x 1 mm (recommended torque 0.4/0.6 Nm), self-securing
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)

PUR CABLE	
No./diameter of wires	4 x 0.25 mm ²
Wire isolation	PP (br, wh, bl, bk)
C-track properties	5 million
Jacket	PUR (UL/CSA)
Outer diameter	approx. 4.4 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	−40...+80 °C
Temperature range (mobile)	−25...+80 °C

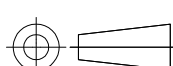
PVC CABLE	
No./diameter of wires	4 x 0.25 mm ²
Wire isolation	PVC (br, wh, bl, bk)
C-track properties	
Jacket	PVC (UL/CSA)
Outer diameter	approx. 4.8 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

Schematic diagram

Contact Layout



4 pos	2.0mtr	PVC	Black	1-2273109-5	4x24AWG PVC 2.0m	10
	1.5mtr			1-2273109-4	4x24AWG PVC 1.5m	9
	1.0mtr			1-2273109-3	4x24AWG PVC 1.0m	8
	0.6mtr			1-2273109-2	4x24AWG PVC 0.6m	7
	0.3mtr			1-2273109-1	4x24AWG PVC 0.3m	6
4 pos	2.0mtr	PUR	Black	2273109-5	4x24AWG PUR 2.0m	5
	1.5mtr			2273109-4	4x24AWG PUR 1.5m	4
	1.0mtr			2273109-3	4x24AWG PUR 1.0m	3
	0.6mtr			2273109-2	4x24AWG PUR 0.6m	2
	0.3mtr			2273109-1	4x24AWG PUR 0.3m	1
	LENGTH"L"	MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN YATHISH.C 29NOV2013		TE Connectivity		
		CHK B.VELDHOVEN 29NOV2013				
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		NAME		
				M8 STRGT PLUG TO M12 STRGT SOCKET AA		
				APVD A.VAN ZANDVOORT 29NOV2013		
				PRODUCT SPEC 108-19483		
MATERIAL -		FINISH -		APPLICATION SPEC 114-32127		RESTRICTED TO —
				WEIGHT		
				SIZE A3		
CUSTOMER DRAWING				CAGE CODE 00779		DRAWING NO C-2273109
				SCALE NTS		SHEET 1 OF 1
				REV A2		

Mouser Electronics

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[1-2273109-3](#)