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NOTES:

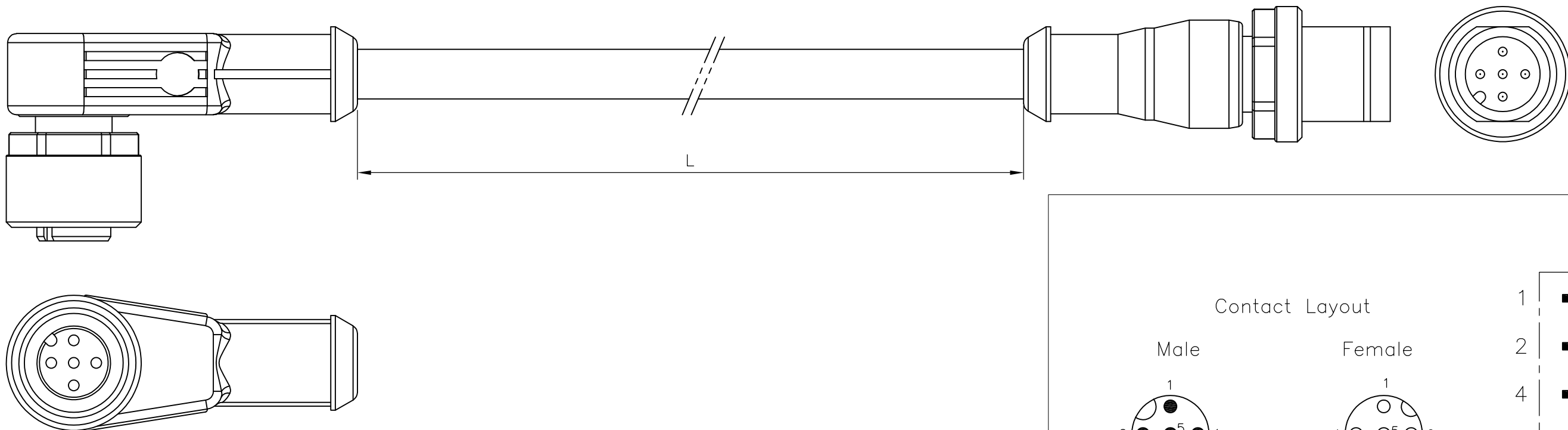
Tolerances cable lengths:

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	24 V DC $\pm 25\%$
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)

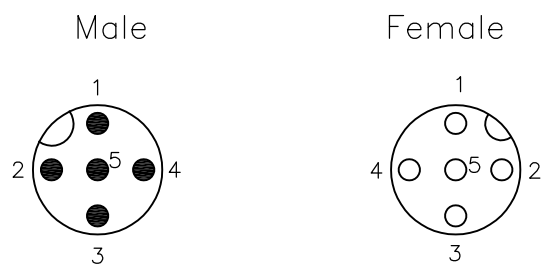
PUR/PVC CABLE

No./diameter of wires	5 x 0.34 mm ²
Wire isolation	PVC (br, wh, bl, bk, gnye)
C-track properties	2 million
Jacket	PUR/PVC
Outer diameter	approx. 5.9 mm
Bend radius (moving)	15 x outer diameter
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

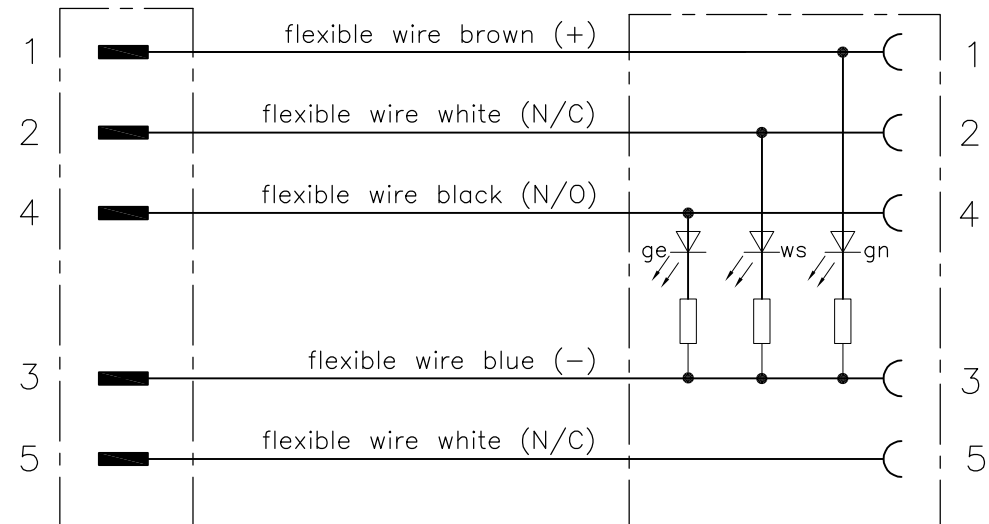
CABLE

No./diameter of wires	5 x 0.34 mm ²
Wire isolation	PP (br, wh, bl, bk, gnye)
C-track properties	10 million
Jacket	PUR (UL/CSA), welding spark res.
Outer diameter	approx. 5.0 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-40...+90 °C
Temperature range (mobile)	-25...+90 °C

Contact Layout



Schematic diagram



5 pos	2.0mtr	SPARK RESISTANT	Black	3-2273127-5	5x22AWG SPARK RES 2.0m	20
	1.5mtr			3-2273127-4	5x22AWG SPARK RES 1.5m	19
	1.0mtr			3-2273127-3	5x22AWG SPARK RES 1.0m	18
	0.6mtr			3-2273127-2	5x22AWG SPARK RES 0.6m	17
	0.3mtr			3-2273127-1	5x22AWG SPARK RES 0.3m	16
5 pos	2.0mtr	PUR/PVC	Black	2-2273127-5	5x22AWG PUR/PVC 2.0m	15
	1.5mtr			2-2273127-4	5x22AWG PUR/PVC 1.5m	14
	1.0mtr			2-2273127-3	5x22AWG PUR/PVC 1.0m	13
	0.6mtr			2-2273127-2	5x22AWG PUR/PVC 0.6m	12
	0.3mtr			2-2273127-1	5x22AWG PUR/PVC 0.3m	11
LENGTH" L "		MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM

TECHNICAL DATA

TECHNICAL DATA	
Operating voltage	24 V DC $\pm$ 25 %
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

PUR CABLE	
No./diameter of wires	5 x 0.34 mm ²
Wire isolation	PP (br, wh, bl, bk, gnye)
C-track properties	5 million
Jacket	PUR (UL/CSA)
Outer diameter	approx. 5.0 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C

PVC CABLE

PVC CABLE	
No./diameter of wires	5 x 0.34 mm ²
Wire isolation	PVC (br, wh, bl, bk, gnye)
C-track properties	
Jacket	PVC (UL/CSA)
Outer diameter	approx. 5.2 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

5	pos	2.0mtr	PVC	Black	1-2273127-5	5x22AWG PVC 2.0m	10
		1.5mtr			1-2273127-4	5x22AWG PVC 1.5m	9
		1.0mtr			1-2273127-3	5x22AWG PVC 1.0m	8
		0.6mtr			1-2273127-2	5x22AWG PVC 0.6m	7
		0.3mtr			1-2273127-1	5x22AWG PVC 0.3m	6
5	pos	2.0mtr	PUR	Black	2273127-5	5x22AWG PUR 2.0m	5
		1.5mtr			2273127-4	5x22AWG PUR 1.5m	4
		1.0mtr			2273127-3	5x22AWG PUR 1.0m	3
		0.6mtr			2273127-2	5x22AWG PUR 0.6m	2
		0.3mtr			2273127-1	5x22AWG PUR 0.3m	1
	LENGTH" L "	MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM	

THIS DRAWING IS A CONTROLLED DOCUMENT.		OWN YATHISH.C 02DEC2013		 TE Connectivity				
		CHK B.VELDHOFEN 02DEC2013						
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME M12 ANGLD SCKT TO M12 STRGHT PLG 3 LED				
		APVD A.VAN ZANDVOORT 02DEC2013						
		PRODUCT SPEC 108-19483						
		APPLICATION SPEC 114-32127						
MATERIAL -		FINISH -		SIZE A2	CAGE CODE 00779	DRAWING NO G-2273127	RESTRICTED TO -	
		WEIGHT -		CUSTOMER DRAWING		SCALE NTS	SHEET 1 OF 1	REV A1