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NOTES:

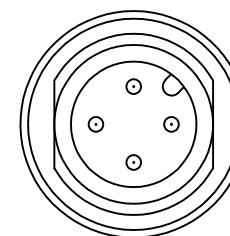
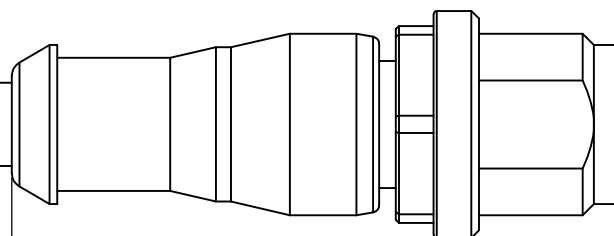
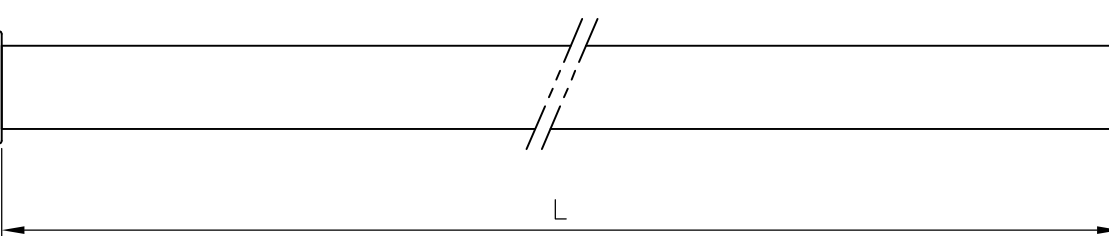
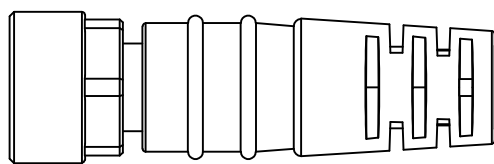
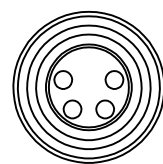
Tolerances cable lengths:

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	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

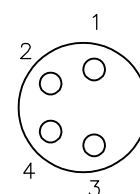
No./diameter of wires	4 x 0.25 mm ²
Wire isolation	PP (br, wh, bl, bk)
C-track properties	5 million
Jacket	PUR (UL/CSA)
Outer diameter	approx. 4.4 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-25...+80 °C

PVC CABLE

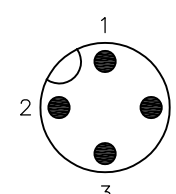
No./diameter of wires	4 x 0.25 mm ²
Wire isolation	PVC (br, wh, bl, bk)
C-track properties	
Jacket	PVC (UL/CSA)
Outer diameter	approx. 4.8 mm
Bend radius (moving)	10 x outer diameter
Temperature range (fixed)	-30...+80 °C
Temperature range (mobile)	-5...+80 °C

Contact Layout

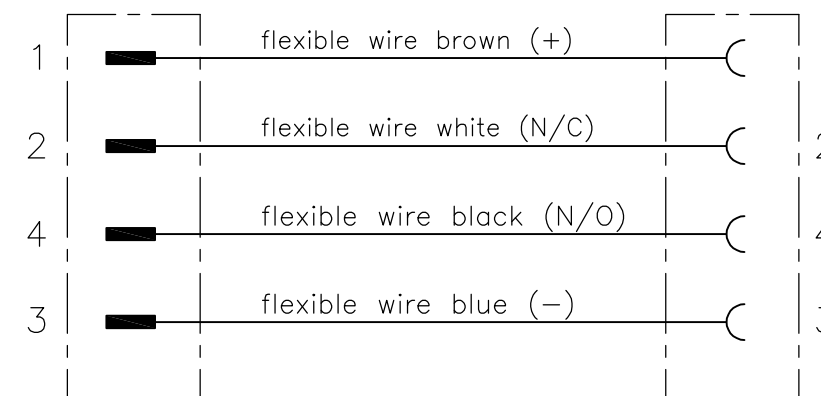
Female



Male



Schematic diagram



4 pos	2.0mtr	PVC	Black	1-2273111-5	4x24AWG PVC 2.0m	10
	1.5mtr			1-2273111-4	4x24AWG PVC 1.5m	9
	1.0mtr			1-2273111-3	4x24AWG PVC 1.0m	8
	0.6mtr			1-2273111-2	4x24AWG PVC 0.6m	7
	0.3mtr			1-2273111-1	4x24AWG PVC 0.3m	6
4 pos	2.0mtr	PUR	Black	2273111-5	4x24AWG PUR 2.0m	5
	1.5mtr			2273111-4	4x24AWG PUR 1.5m	4
	1.0mtr			2273111-3	4x24AWG PUR 1.0m	3
	0.6mtr			2273111-2	4x24AWG PUR 0.6m	2
	0.3mtr			2273111-1	4x24AWG PUR 0.3m	1
LENGTH "L"		MATERIAL	JACKET COLOR	TE PN	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN YATHISH.C 29NOV2013

CHK B.VELDHOVEN 29NOV2013

APVD A.VAN ZANDVOORT 29NOV2013

PRODUCT SPEC

108-19483

APPLICATION SPEC

114-32127

WEIGHT

CUSTOMER DRAWING



TE Connectivity

NAME
M8 STRGT SOCKET TO M12 STRGT PLUG AA

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2273111	-

SCALE	SHEET	REV
NTS	1 OF 1	A2

Mouser Electronics

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