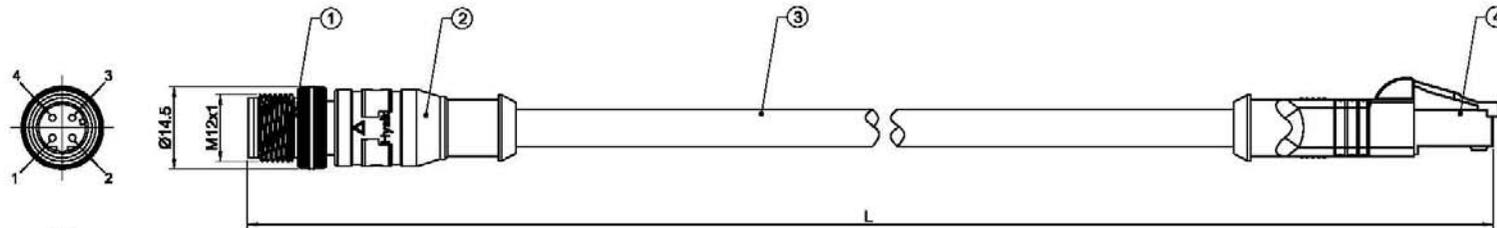


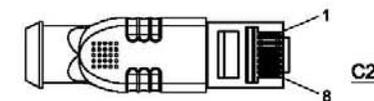
Revisions			
Rev.	Description	ECN No.	Date



C1

Pin Assignment

P1(M12)	P2(RJ45)	Wire Color
1	1	Orange/White
3	2	Orange
2	3	Green/White
4	6	Green
Shell	Shell	Shield Braid



C2

General Specifications

Connector locking system: Screw
 Termination: Solder
 Temperature range: -40°C ~ +80°C
 Mating cycles: > 100
 Coding: A
 Degree of protection: IP67 in mated

 Rated voltage: 60V DC, 50V AC
 Rated current: 2A
 Contact resistance: ≤10 mΩ
 Insulation resistance: ≥100 MΩ
 IEC standard: IEC 61076-2-101

Other notes:

- Solder criteria according to IPC-A-620
- 100% test to ensure there is no mis-wires, shorts and opens.
- Test voltage 300V
 Insulation resistance 20MΩ
 Conductor resistance 5Ω Max.

All materials are RoHS compliant

4	RJ45-6-P	RJ45 6P8C, gold plated pins	pc	1
3	CA-CAT5-22B	Cat5e, 2 twisted pair 26AWG, Double shielded, TPE jacket, Teal Colour	pc	1
2	PVC45-BK	Overmolding, TPU black	pc	2
1	12D-M01	M12 D coded male connector	pc	1
No.	Part No.	Specification	Unit	Q'ty
 THIRD ANGLE	NAME DATE		MATERIAL:	VOLUME: MASS:
	DRAWN Alex.L	5/10/2016	TITLE	
	CHECKED Alex.L	5/10/2016		
RELEASE H.W.Q	5/10/2016			
ISO2768-M	SEUMTEC 세움티아이씨		PART NO. DWG NO.	
			UNIT REV. SIZE SHEET	MM A A4 1 OF 1