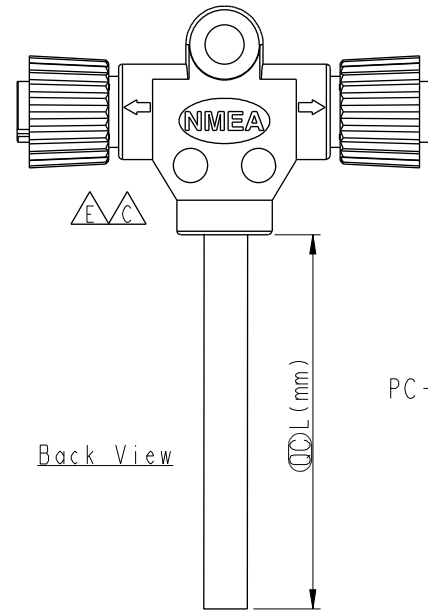
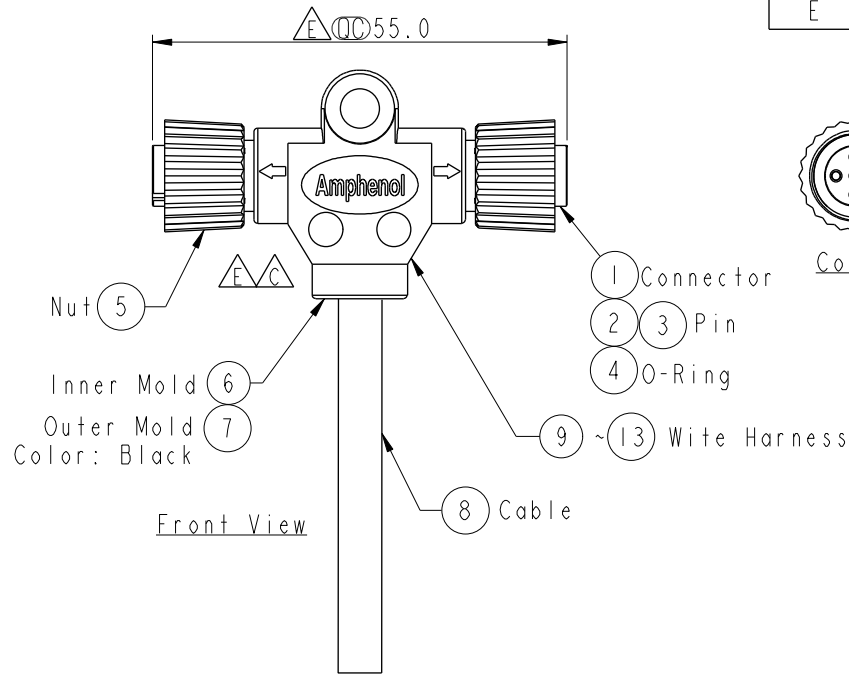
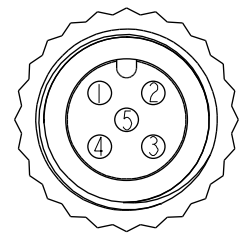


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
C	LEN1510707~710	2015/01/21	Sam	Update Logo&View&Note.
D	LEN1640109~112	2016/04/08	Ruru	Modify Line position
E	LE31720094~097	2017/02/08	Ruru	Change Logo & Outer Mold Design



PC-050500-FF0-TSBXX  
 XX: 01~99Meter  
 01: 01Meter  
 02: 02Meter  
 ...  
 99: 99Meter  
 Cable Length(L): 01~99Meters

- Note:
- \*  $\varnothing$  Important Dimension.
  - \* Waterproof Rate: IP68.  
IP68: 1M Depth Of Water In 24hours.
  - \* Connector: Polyurethane (PU), Black.
  - \* Female Pin: Copper Alloy, Gold Plated
  - \* Cable: (22#\*IP+A)+(18#\*IP+A)+Drain+AL.Mylar+Braid, Black  
PVC UV Cable OD=7.0mm
  - \* Wire Harness: UL1007/TR64 22AWG, OD=0.76mm  
, Green, White, Blue.
  - \* Wire Harness: UL1007/TR64 18AWG, OD=1.20mm  
, Red, Black.
  - \* Cable Length Tolerance: 01M: ±40mm  
02M~05M: ±60mm  
06M~10M: ±100mm  
11M~30M: ±200mm  
31M~99M: ±500mm



Conn. 1&2  
Pin Assignment  
Front View

Pin No.	Color	Wire Gauge	Material	Pin No.	Color	Wire Gauge	Material
5	Blue	(22AWG)	藍	5	Blue	(22AWG)	藍
4	White	(22AWG)	白	4	White	(22AWG)	白
3	Black	(18AWG)	黑	3	Black	(18AWG)	黑
2	Red	(18AWG)	紅	2	Red	(18AWG)	紅
1	Green	(22AWG)	綠	1	Drain	(22AWG)	地線
Conn.1 Wire Harness				Conn.2 Cable			

Pin Out

UNIT: mm

TOLERANCE  
±0.5 mm

TITLE M12P Conn NMEA T Cable Screw FF Conn FF Pin			
SCALE 1:1	SIZE A4	SHEET 1 OF 1	
REV. E	WC-REV. A.4	$\varnothing$ : Inspection item	

**Amphenol LTW**  
 安費諾亮泰企業股份有限公司

ITEM NO.	DRAWN BY	DATE
DWG NO. $\Delta$ PC-050500-FF0-TSBXX	Ruru	2017-02-08
CUSTOMER ALTW	CHECKED BY Rita	DATE 2017-02-08
	APPROVED BY Max	DATE 2017-02-08

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