

1	2	3	4	5	6	7	8	
F				REV.	ECN NO.	DATE	SIGN	DESCRIPTION
E	B	LE3-030052~59	2010/02/22	Tina	Change Conn.1&Conn.2			
D	C	LEN1510106~116	2014/12/31	Sam	Update Logo.			
C								
B								
A								

Front view diagram showing Conn.1 and Conn.2. Conn.1 is a circular connector with 5 pins labeled 1 through 5. Conn.2 is a circular connector with 5 pins labeled 1 through 5. The cable length is indicated as L (mm). Dimensions include: M12*1.0, Ø14.4, Ø43.3, Ø14.5, Ø7.0, and Ø14.4. Part numbers MC-05BMMM-SL8000 and MC-05BFFM-SL8000 are shown. A note indicates XX: 01~99Meters, 01: 01Meter, 02: 02Meters, and so on.

Conn.1 Pin Assignments Front View: Pin 1 (Blue), Pin 2 (Red), Pin 3 (Black), Pin 4 (White), Pin 5 (Drain).

Conn.2 Pin Assignments Front View: Pin 1 (Blue), Pin 2 (Red), Pin 3 (Black), Pin 4 (White), Pin 5 (Drain).

5	Blue 藍 (22AWG)	5	<input type="checkbox"/> Twist
4	White 白 (22AWG)	4	<input type="checkbox"/> Twist
3	Black 黑 (18AWG)	3	
2	Red 紅 (18AWG)	2	
1	Drain 地線 (22AWG)	1	
Conn.1 Wire Color		Conn.2	
Pin Out			

TITLE: M12P Conn NMEA
I Adapt Screw MF Conn MF Pin
SCALE: 3:2 SIZE: A4 SHEET 1 OF 1
REV. C WC-REV. A.1 QC: Inspection item

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Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
DWG NO	Sam	2014-12-31
MC-000505-0MF-CSBXX	Vicky	2014-12-31
CUSTOMER	APPROVED BY	DATE
ALTW	Rita	2014-12-31

Notes:
 * ØImportant Dimension.
 * Waterproof Rate: IP68.
 * Connector: Polyurethane (PU), Black.
 * Pin: Copper Alloy, Gold Plated.
 * Cable: Black, (22#*IP+A)+(18#*IP+A)+Drain+AL.Mylar+Braid PVC UV Cable, OD=7.0mm.
 * Cable Length Tolerance: 0IM:±40mm
 02M~05M:±60mm
 06M~10M:±100mm
 11M~30M:±200mm
 31M~99M:±500mm

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