

1		2		3		4		5		6		7		8	
				REV.		ECN NO.		DATE		SIGN		DESCRIPTION			
				B		LEN1580130~141		2015/08/10		Feng_Li		Add Black PVC Cable			
				C		LEN1680943~960 LEN1681003~011		2016/08/09		Yulong_wang		Add 6Pin & IP69K.			

① MI2A-XXBFFM-SL8000
Color:Black

② Cable

Notes:

- * Ø Important Dimension.
- * △ Waterproof Rate: IP68, IP69K.
- * Connector: PU+GF,Black.
- * Female Pin: Copper Alloy, Gold Plated.
- * Screw Nut: Zinc Alloy, Nickel Plated.
- * Outer Mold: PU,Black.
- * △ Cable: (A) UL2517,PVC Jacket,Yellow.
(B) UL20549,PUR Jacket,Black.
(D) UL2517,PVC Jacket,Black.
- * Rated Voltage: 3 & 4Pin 250V dc. or ac.
5Pin 60V dc. or ac.
6~12Pin 30V dc. or ac.
- * Rated Current: 3~5Pin 4A
6~8Pin 2A
10~12Pin 1.5A
- * Operating Temperature: -25~85°C
- * Cable Length Tolerance: 01M:±40mm
02M~05M:±60mm
06M~10M:±100mm
11M~30M:±200mm
31M~99M:±500mm

UNIT:mm		TITLE		Amphenol LTW 安費諾亮泰企業股份有限公司		ITEM NO		DRAWN BY		DATE	
TOLERANCE ±0.5mm		MI2 A Type Cable Female Conn.				DWG NO		CHECKED BY		DATE	
		SCALE 3:2	SIZE A4			MI2A-XXBFFM-SL8XXX		Jinhai		2016-08-09	
		REV. C	WC-REV. A.3	SHEET 1 OF 3		CUSTOMER ALTW		APPROVED BY Jerry		DATE 2016-08-09	

		2	3	4	5	6	7	8	
F	ALTW CONFIDENTIAL 2016-08-09 R&D DEPT. ALTW DCC. DEPT. CONFIDENTIAL 2016.08.19 ISSUED	M 12A - XX B F F M - S L 8 X XX 12A: A-Code 03: 3Pin 04: 4Pin 05: 5Pin 06: 6Pin 08: 8Pin 10: 10Pin 12: 12Pin B: Cable Without S/R(線端無網尾) F: Female Connector(母座) F: Female Pin(母Pin)		XX: 01~99Meters 01: 01Meter 02: 02Meters : 99: 99Meters A: PVC UL2517 Cable, Yellow(PVC黃色外被線材) B: PUR UL20549 Cable, Black(PUR黑色外被線材) D: PVC UL2517 Cable, Black(PVC黑色外被線材) 8: IP68/69K(防水等級68/69K) L: Straight(180°線端) S: Screw(螺紋式) M: Molding Type(射出成型)	B 12P 10P	PVC	6.0	26	M12A-12BFFM-SL8DXX
					C 8P 6P		5.5	24	M12A-10BFFM-SL8DXX
					5P				

A	UNIT:mm		TITLE M12 A Type Cable Female Conn.			ITEM NO		DRAWN BY Yulong_wang		DATE 2016-08-09	
	TOLERANCE ±0.5mm		SCALE 3:2	SIZE A4	SHEET 2 OF 3	DWG NO M12A-XXBFFM-SL8XXX		CHECKED BY Jinhai		DATE 2016-08-09	
			REV. C	WC-REV. A.3	QC: Inspection item	CUSTOMER ALTW		APPROVED BY Jerry		DATE 2016-08-09	

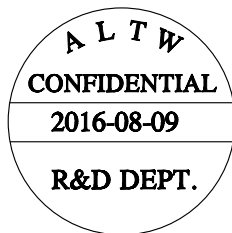
Amphenol LTW

安費諾亮泰企業股份有限公司

FMW10702-01-02A1

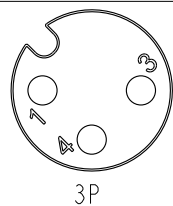
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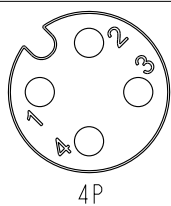


5	--		5	--		5	Gray	灰	5	--		5	Red	紅	12	--	12	Red/Blue	紅/藍
4	Black	黑	4	Black	黑	4	Black	黑	4	Blue	藍	4	Blue	藍	11	--	11	Gray/Pink	灰/粉
3	Blue	藍	3	Blue	藍	3	Blue	藍	3	Pink	粉	3	Pink	粉	10	Violet	10	Violet	紫
2	--		2	White	白	2	White	白	2	--		2	Gray	灰	9	Black	9	Black	黑
1	Brown	棕	1	Brown	棕	1	Brown	棕	1	White	白	1	Brown	棕	8	Red	8	Red	紅
Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire	Pin #	Wire	

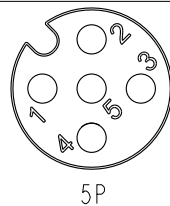
Pin Out



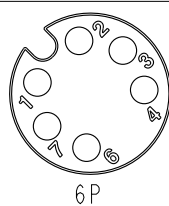
3P



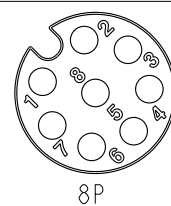
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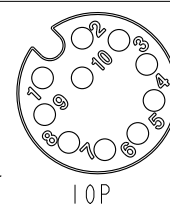
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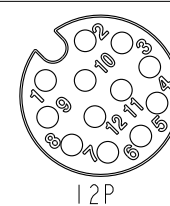
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8P

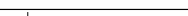


10P



12P

Pin Assignments Front View

UNIT:mm		TITLE M12 A Type Cable Female Conn.			Amphenol LTW 安費諾亮泰企業股份有限公司	ITEM NO	DRAWN BY Yulong_wang	DATE 2016-08-09
TOLERANCE ±0.5mm		SCALE 3:2	SIZE A4	SHEET 3 OF 3		DWG NO M12A-XXBFFM-SL8XXX	CHECKED BY Jinhai	DATE 2016-08-09
		REV. C	WC-REV. A.2	QC: Inspection item		CUSTOMER ALTW	APPROVED BY Jerry	DATE 2016-08-09