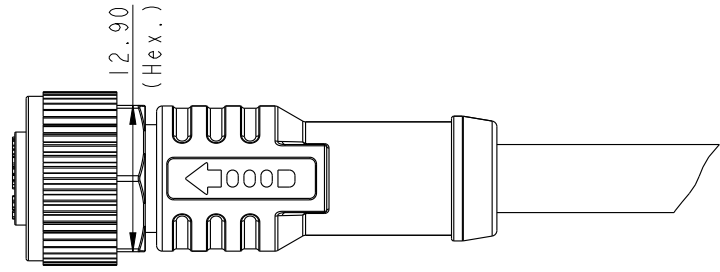
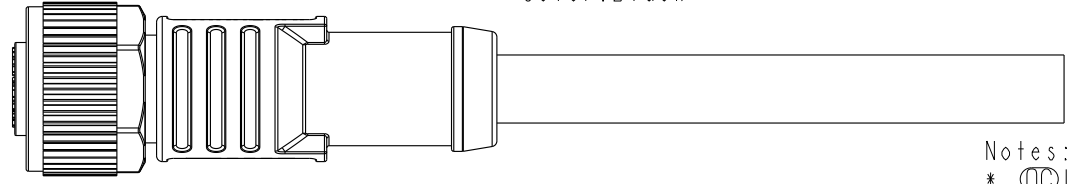
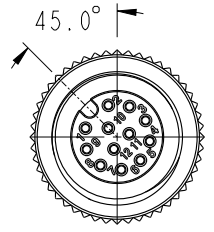
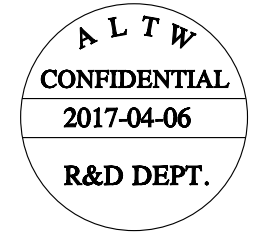
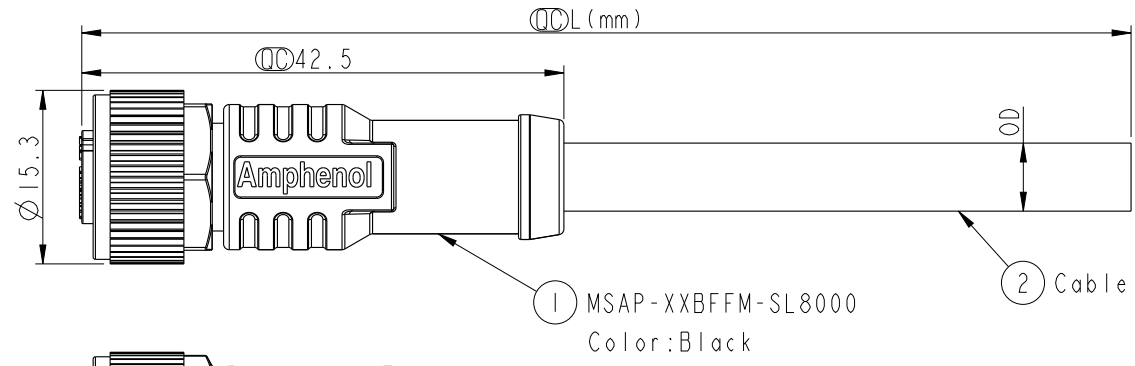


THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	LEN1580199~210	2015/08/10	Feng_Li	Add Black PVC Cable
C	LEN1680961~978 LEN1681016~017	2016/08/10	Yulong_wang	Add 6Pin & IP69K.
D	LEN1750122~25	2017/04/06	Lingpeng	Change The Cable OD



Notes:

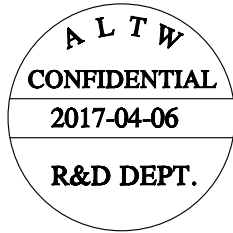
- * \varnothing Important Dimension.
- * $\triangle C$ Waterproof Rate: IP68, IP69K.
- * Connector: PU+GF, Black.
- * Female Pin: Copper Alloy, Gold Plated.
- * Screw Nut: Nylon, Black.
- * Outer Mold: PU, Black.
- * $\triangle B$ Cable: (A) UL2517, PVC Jacket, Yellow.
(B) UL20549, PUR Jacket, Black.
(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		
TOLERANCE		
±0.5mm		

TITLE M12 A Type Cable Female Conn.			
SCALE 1:1	SIZE A4	SHEET 1 OF 3	
REV. D	WC-REV. A.3	\varnothing : Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Lingpeng	DATE 2017-04-06
DWG NO MSAP-XXBFFM-SL8XXX	CHECKED BY Ma Fei	DATE 2017-04-06
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06



6	7	8		
△B	12P	6.0 26	MSAP-12BFFM-SL8DXX	
	10P		MSAP-10BFFM-SL8DXX	
△C	8P	5.5 24	MSAP-08BFFM-SL8DXX	
	6P		MSAP-06BFFM-SL8DXX	
	5P	4.8 22	MSAP-05BFFM-SL8DXX	
	4P		MSAP-04BFFM-SL8DXX	
3P	4.5	MSAP-03BFFM-SL8DXX		
△D	12P	6.0 26	MSAP-12BFFM-SL8BXX	
	10P		MSAP-10BFFM-SL8BXX	
△C	8P	4.8 24	MSAP-08BFFM-SL8BXX	
	6P		MSAP-06BFFM-SL8BXX	
	5P	4.0 22	MSAP-05BFFM-SL8BXX	
4P	MSAP-04BFFM-SL8BXX			
△D	3P	3.8	MSAP-03BFFM-SL8BXX	
	12P	6.0 26	MSAP-12BFFM-SL8AXX	
10P	MSAP-10BFFM-SL8AXX			
△C	8P	5.5 24	MSAP-08BFFM-SL8AXX	
	6P		MSAP-06BFFM-SL8AXX	
	5P	4.8 22	MSAP-05BFFM-SL8AXX	
	4P		MSAP-04BFFM-SL8AXX	
3P	4.5	MSAP-03BFFM-SL8AXX		
Contacts	Cable Jacket	Cable OD	AWG	Item No.

M SAP - XX B F F M - S L 8 X XX

SAP:A-Code Plastic Nut

- 03: 3Pin
- 04: 4Pin
- 05: 5Pin
- 06: 6Pin △C
- 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)
- △B D: PVC UL2517 Cable, Black(PVC黑色外被線材)

8: IP68/69K(防水等級68/69K) △C

L: Straight(180°線端)

S: Screw(螺紋式)

M: Molding Type(射出成型)

UNIT:mm

TOLERANCE ±0.5mm

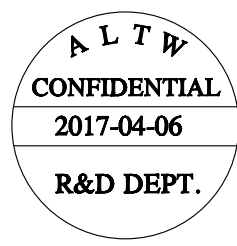
TITLE M12 A Type Cable Female Conn.			
SCALE 1:1	SIZE A4	SHEET 2 OF 3	
REV. D	WC-REV. A.3	QC: Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DWG NO	CUSTOMER	DRAWN BY Lingpeng	CHECKED BY Ma Fei	APPROVED BY Jerry	DATE 2017-04-06
	MSAP-XXBFFM-SL8XXX	ALTW				2017-04-06
						2017-04-06

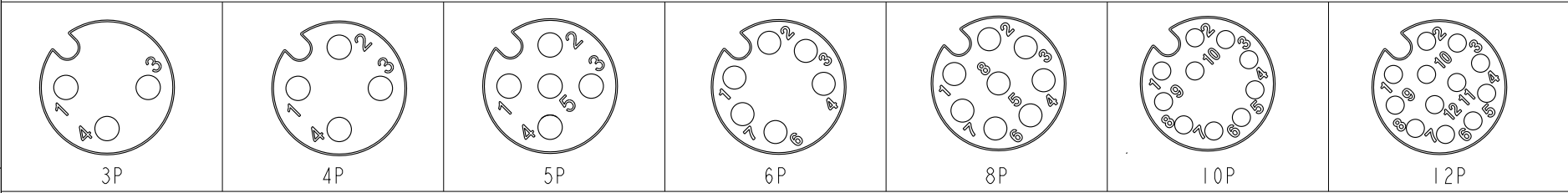
THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.



5	--		5	--		5	Gray	灰	5	--		8	--		8	Red	紅	12	--	12	Red/Blue	紅/藍	
4	Black	黑	4	Black	黑	4	Black	黑	4	Black	黑	7	Blue	藍	7	Blue	藍	11	--	11	Gray/Pink	灰/粉	
3	Blue	藍	3	Blue	藍	3	Blue	藍	3	Blue	藍	6	Pink	粉	6	Pink	粉	10	Violet	紫	10	Violet	紫
3	--		2	White	白	2	White	白	3	Green	綠	5	--		5	Gray	灰	9	Black	黑	9	Black	黑
1	Brown	棕	1	Brown	棕	1	Brown	棕	2	Brown	棕	4	Yellow	黃	4	Yellow	黃	8	Red	紅	8	Red	紅
									1	White	白	3	Green	綠	3	Green	綠	7	Blue	藍	7	Blue	藍
												2	Brown	棕	2	Brown	棕	6	Pink	粉	6	Pink	粉
												1	White	白	1	White	白	5	Gray	灰	5	Gray	灰
																		4	Yellow	黃	4	Yellow	黃
																		3	Green	綠	3	Green	綠
																		2	Brown	棕	2	Brown	棕
																		1	White	白	1	White	白
Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire	

Pin Out



Pin Assignments Front View

UNIT:mm TOLERANCE ±0.5mm		TITLE M12 A Type Cable Female Conn.	<h1>Amphenol LTW</h1> <p>安費諾亮泰企業股份有限公司</p>	ITEM NO	DRAWN BY Lingpeng	DATE 2017-04-06		
		SCALE 3:2		SIZE A4	SHEET 3 OF 3	DWG NO MSAP-XXBFFM-SL8XXX	CHECKED BY Ma Fei	DATE 2017-04-06
		REV. D		WC-REV. A.1	☉: Inspection item	CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Sensor Cables / Actuator Cables](#) category:

Click to view products by [Amphenol](#) manufacturer:

Other Similar products are found below :

[60963](#) [60964](#) [M83513/19-F01CP](#) [703000D02F2002](#) [703001D02F0602](#) [703001D02F300](#) [704000D02F120](#) [773032K02F030](#) [802027107404-1](#)
[802027213811-1](#) [804001A09M150](#) [805001A09M0502](#) [84914-0235](#) [84914-0237](#) [885030A09M020](#) [8R4J30E03C3003](#) [1200651332](#)
[1200651713](#) [1200660844](#) [1200660845](#) [1200661173](#) [1200680071](#) [1200720053](#) [1200720081](#) [1200720099](#) [1200720217](#) [1200800231](#)
[1200860125](#) [1200870123](#) [1200980102](#) [1200650267](#) [1200650298](#) [1200660183](#) [1200660782](#) [1200660849](#) [1200661295](#) [1200661297](#)
[1200661342](#) [1200661343](#) [1200670080](#) [1200670220](#) [1200680331](#) [1200720252](#) [1200730184](#) [1200860344](#) [1200870359](#) [1200870643](#)
[1200980008](#) [1200980031](#) [1210502211](#)