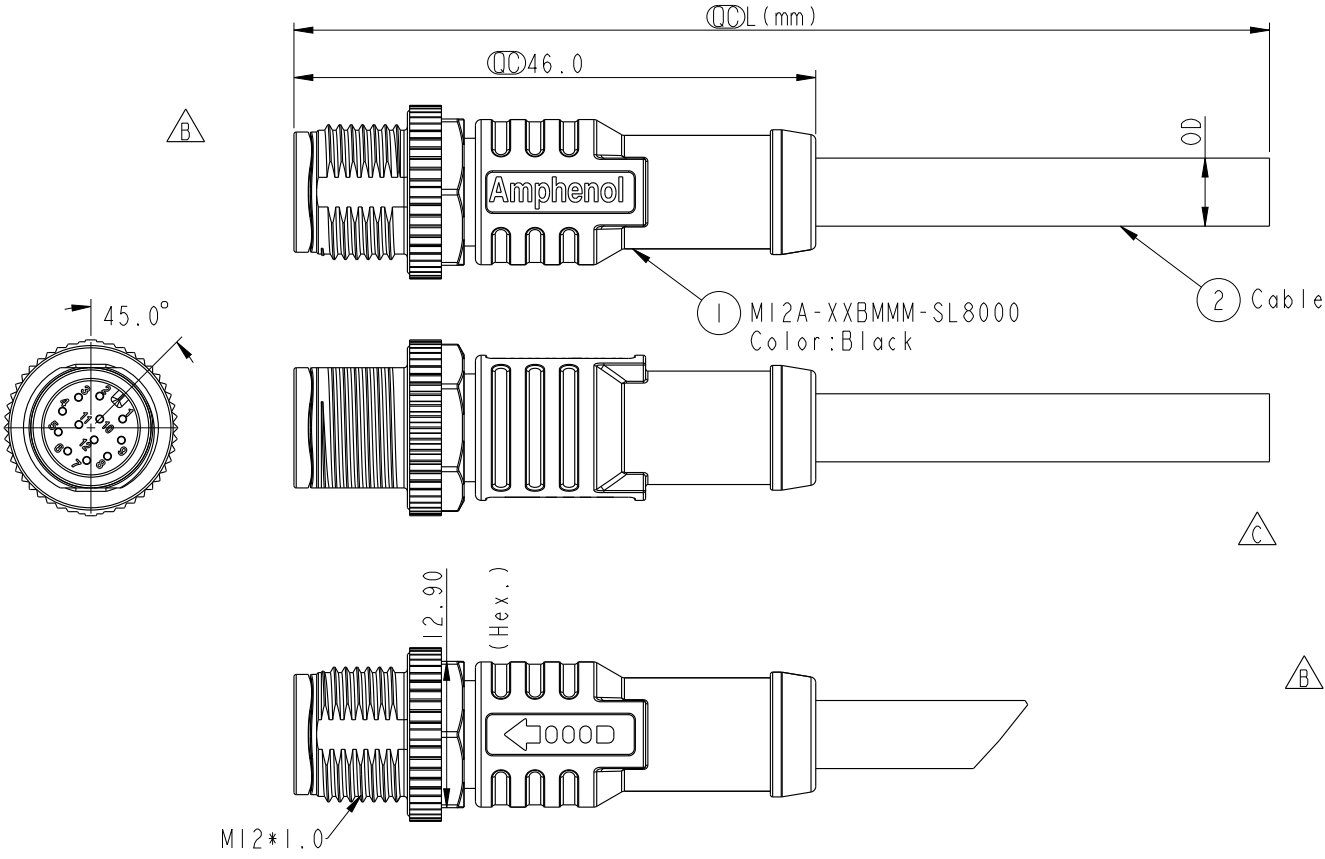


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	LEN1580154~165	2015/08/10	Feng_Li	Add Black PVC Cable
C	LEN1680979~996 LEN1681012~015	2016/08/13	Yulong_wang	Add 6Pin & IP69K.
D	LEN1750103~09	2017/04/06	Lingpeng	Change The Cable OD



ALTW
CONFIDENTIAL
2017-04-06
R&D DEPT.

ALTW
DCC. DEPT.
CONFIDENTIAL
2017.05.15
ISSUED

- Notes:
- * \varnothing Important Dimension.
 - * Waterproof Rate: IP68., IP69K.
 - * Connector: PU+GF,Black.
 - * Male 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		
TOLERANCE		
±0.5mm		

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

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安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Lingpeng	DATE 2017-04-06
DWG NO M12A-XXBMMM-SL8XXX	CHECKED BY Ma Fei	DATE 2017-04-06
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06

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F
E
D
C
B
A



Contacts	Cable Jacket	Cable OD	AWG	Item No.	
△B	PVC	12P	6.0	26	M12A-12BMMM-SL8DXX
		10P			M12A-10BMMM-SL8DXX
△C	PVC	8P	5.5	24	M12A-08BMMM-SL8DXX
		6P	5.0		M12A-06BMMM-SL8DXX
	PUR	5P	5.1		M12A-05BMMM-SL8DXX
		4P	4.8	22	M12A-04BMMM-SL8DXX
	PUR	3P	4.1		M12A-03BMMM-SL8DXX
		12P	6.0	26	M12A-12BMMM-SL8BXX
△D	PUR	10P			M12A-10BMMM-SL8BXX
		8P	4.8	24	M12A-08BMMM-SL8BXX
△C	PUR	6P	5.0		M12A-06BMMM-SL8BXX
		5P	4.4		M12A-05BMMM-SL8BXX
△D	PUR	4P	4.0	22	M12A-04BMMM-SL8BXX
		3P	3.8		M12A-03BMMM-SL8BXX
△C	PVC	12P	6.0	26	M12A-12BMMM-SL8AXX
		10P			M12A-10BMMM-SL8AXX
	PVC	8P	5.5	24	M12A-08BMMM-SL8AXX
		6P	5.0		M12A-06BMMM-SL8AXX
	PVC	5P	5.1		M12A-05BMMM-SL8AXX
		4P	4.8	22	M12A-04BMMM-SL8AXX
		3P	4.5		M12A-03BMMM-SL8AXX

M 12A - XX B M M M - S L 8 X XX

12A: A-Code

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)

M: Male Connector (公座)

M: Male Pin (公Pin)

XX: 01~99Meters
01: 01Meter
02: 02Meters
:
99: 99Meters

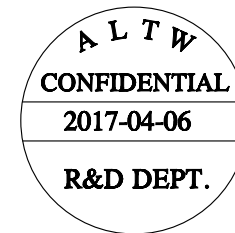
A: PVC UL2517 Cable, Yellow (PVC黃色外被線材)
B: PUR UL20549 Cable, Black (PUR黑色外被線材)
D: PVC UL2517 Cable, Black (PVC黑色外被線材) △B

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)



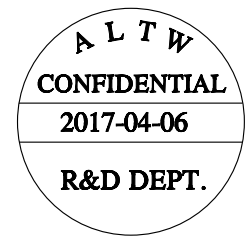
UNIT:mm		TITLE	M12 A Type Cable Male Conn.		
TOLERANCE	±0.5mm	SCALE	3:2	SIZE	A4
		REV.	D	WC-REV.	A.3
				SHEET	2 OF 3
				QC: Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DWG NO	CUSTOMER	DRAWN BY	CHECKED BY	APPROVED BY	DATE
	M12A-XXBMMM-SL8XXX	ALTW	Lingpeng	Ma Fei	Jerry	2017-04-06

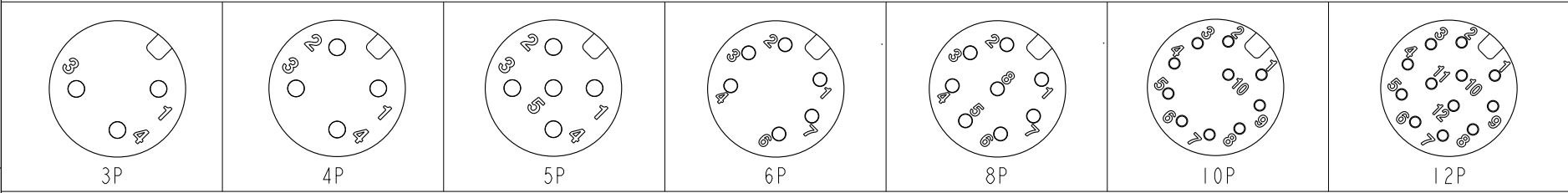
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5	--		5	--		5	Gray	灰	5	--		12	--		12	Red/Blue	紅/藍
4	Black	黑	4	Black	黑	4	Black	黑	4	Black	黑	11	--		11	Gray/Pink	灰/粉
3	Blue	藍	3	Blue	藍	3	Blue	藍	3	Blue	藍	10	Violet	紫	10	Violet	紫
2	--		2	White	白	2	White	白	2	White	白	9	Black	黑	9	Black	黑
1	Brown	棕	1	Brown	棕	1	Brown	棕	1	White	白	8	Red	紅	8	Red	紅
												7	Blue	藍	7	Blue	藍
												6	Pink	粉	6	Pink	粉
												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 Out



Pin Assignments Front View

UNIT: mm TOLERANCE ±0.5mm	TITLE M12 A Type Cable Male Conn.		<h1>Amphenol LTW</h1> <p>安費諾亮泰企業股份有限公司</p>		ITEM NO	DRAWN BY	DATE
	SCALE 3:2	SIZE A4			SHEET 3 OF 3	DWG NO M12A-XXBMMM-SL8XXX	CHECKED BY Ma Fei
	REV. D	WC-REV. A.3	☉: Inspection item	CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06	

单击下面可查看定价，库存，交付和生命周期等信息

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