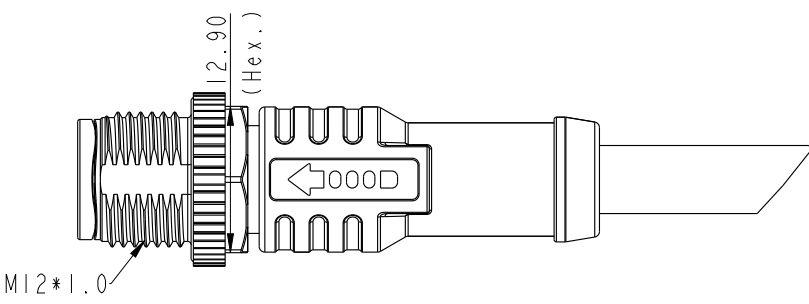
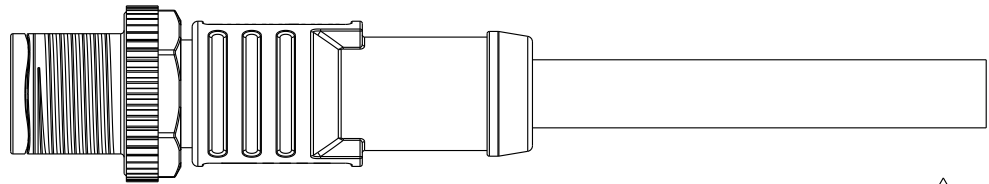
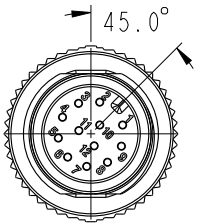
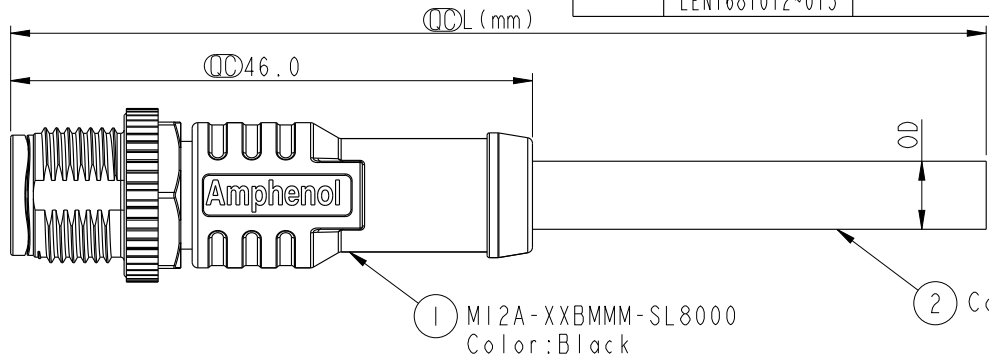


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	LEN1580154-165	2015/08/10	Feng_Li	Add Black PVC Cable
C	LEN1680979-996 LEN1681012-015	2016/08/13	Yulong_wang	Add 6Pin & IP69K.



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2016-08-13
R&D DEPT.

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DCC. DEPT.
CONFIDENTIAL
2016.08.19
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. C	WC-REV. A.3	\varnothing : Inspection item	

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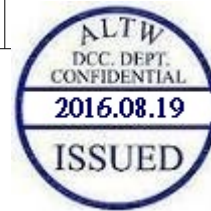
ITEM NO	DRAWN BY Yulong_wang	DATE 2016-08-13
DWG NO M12A-XXBMMM-SL8XXX	CHECKED BY Jinhai	DATE 2016-08-13
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2016-08-13

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F
E
D
C
B
A



6		7		8			
△B	12P	PVC	6.0	26	M12A-12BMMM-SL8DXX		
	10P				M12A-10BMMM-SL8DXX		
△C	8P		PUR	5.5	24	M12A-08BMMM-SL8DXX	
	6P					M12A-06BMMM-SL8DXX	
	5P			5.1	22	M12A-05BMMM-SL8DXX	
	4P					M12A-04BMMM-SL8DXX	
3P	4.1		M12A-03BMMM-SL8DXX				
△C	12P		PVC	6.0	26	M12A-12BMMM-SL8BXX	
	10P					M12A-10BMMM-SL8BXX	
	8P			PUR	5.5	24	M12A-08BMMM-SL8BXX
	6P	M12A-06BMMM-SL8BXX					
	5P	5.1			22	M12A-05BMMM-SL8BXX	
	4P					M12A-04BMMM-SL8BXX	
	3P	4.5		M12A-03BMMM-SL8BXX			
	△C	12P		PVC	6.0	26	M12A-12BMMM-SL8AXX
		10P					M12A-10BMMM-SL8AXX
		8P			PUR	5.5	24
6P		M12A-06BMMM-SL8AXX					
5P		5.1	22			M12A-05BMMM-SL8AXX	
4P						M12A-04BMMM-SL8AXX	
3P		4.5	M12A-03BMMM-SL8AXX				
Contacts	Cable Jacket	Cable OD	AWG				



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

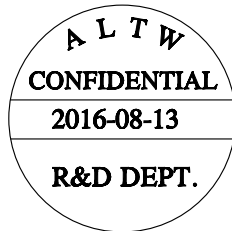
A: PVC UL2517 Cable, Yellow (PVC黃色外被線材)
B: PUR UL20549 Cable, Black (PUR黑色外被線材)
D: PVC UL2517 Cable, Black (PVC黑色外被線材) △B

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		
TOLERANCE		
±0.5mm		

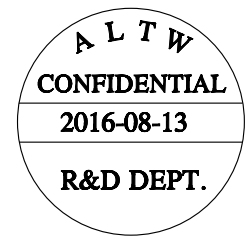
TITLE M12 A Type Cable Male Conn.			
SCALE 3:2	SIZE A4	SHEET 2 OF 3	
REV. C	WC-REV. A.3	QC: Inspection item	

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ITEM NO	DRAWN BY Yulong_wang	DATE 2016-08-13
DWG NO M12A-XXBMMM-SL8XXX	CHECKED BY Jlnhai	DATE 2016-08-13
CUSTOMER ALTW	APPROVED BY Jerry	DATE 2016-08-13

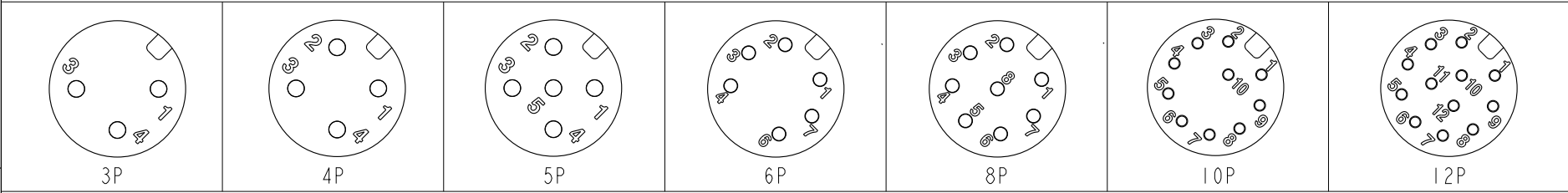
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5	--		5	--		5	Gray	灰	5	--		12	--		12	Red/Blue	紅/藍
4	Black	黑	4	Black	黑	4	Black	黑	4	Black	黑	11	--		11	Gray/Pink	灰/粉
3	Blue	藍	3	Blue	藍	3	Blue	藍	3	Blue	藍	10	Violet	紫	10	Violet	紫
2	--		2	White	白	2	White	白	2	White	白	9	Black	黑	9	Black	黑
1	Brown	棕	1	Brown	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> 安費諾亮泰企業股份有限公司	ITEM NO	DRAWN BY	DATE
		SCALE 3:2	SIZE A4	SHEET 3 OF 3		DWG NO M12A-XXBMMM-SL8XXX	CHECKED BY Jinhai	DATE 2016-08-13
		REV. C	WC-REV. A.3	Inspection item		CUSTOMER ALTW	APPROVED BY Jerry	DATE 2016-08-13