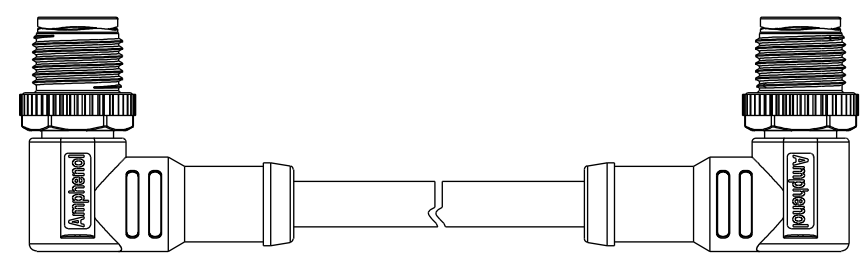
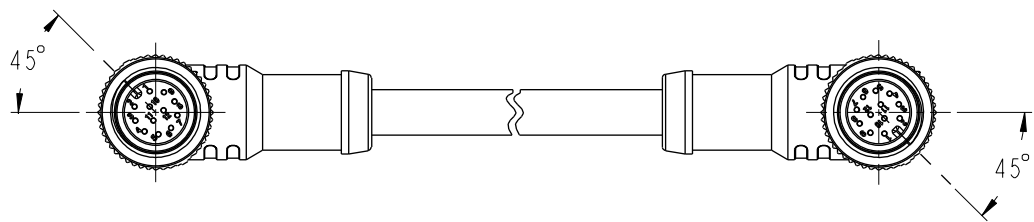
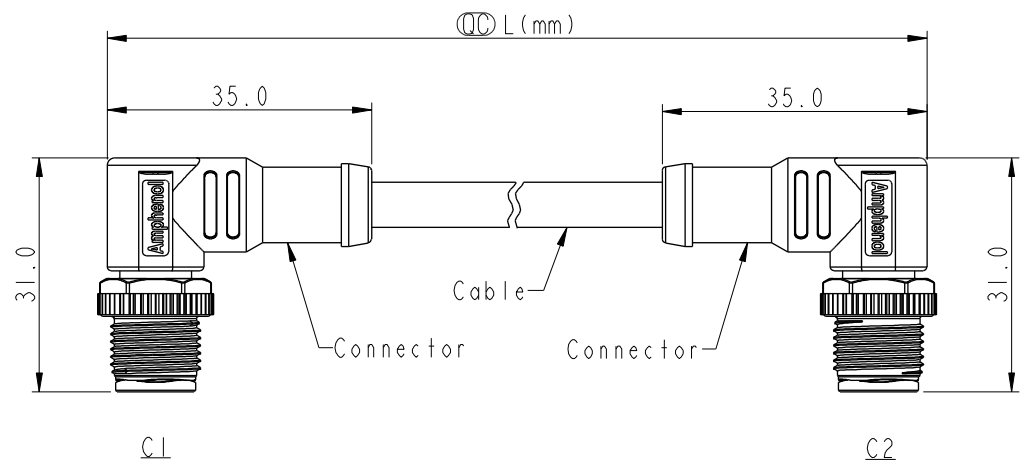


REV.	DESCRIPTION



- Note:
- * ⊘ Important Dimension.
 - * Waterproof Rate: IP68, IP69K.
 - * Connector: PU+GF, Black.
 - * Pin: Copper Alloy, Gold Plated.
 - * Screw Nut: Nylon, Black.
 - * Outer Mold: PU, Black.
 - * Cable: (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
 - * Cable Length Tolerance: 0.5±20mm
01±40mm
02M~05M:±60mm
06M~10M:±100mm
11M~30M:±200mm
31M~99M:±500mm

UNIT:mm	
TOLERANCE	±0.5 mm

TITLE M12 A-Code Double Ended			
SCALE 1:2	SIZE A4	SHEET 1 OF 3	
REV. A	WC-REV.	⊘ : Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Vicky	DATE 2018-12-07
DWG NO MSAPXXMR-SAPMR-SXXXX	CHECKED BY Rita	DATE 2018-12-07
CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-07

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Contacts	Cable Jacket	Cable OD	AWG	Item No.
12P	PVC	6.0	26	MSAP12MR-SAPMR-SDXXX
10P				MSAP10MR-SAPMR-SDXXX
8P		5.5	24	MSAP08MR-SAPMR-SDXXX
6P				MSAP06MR-SAPMR-SDXXX
5P		5.1	22	MSAP05MR-SAPMR-SDXXX
4P				MSAP04MR-SAPMR-SDXXX
3P	MSAP03MR-SAPMR-SDXXX			
12P	PUR	6.0	26	MSAP12MR-SAPMR-SBXXX
10P				MSAP10MR-SAPMR-SBXXX
8P		4.8	24	MSAP08MR-SAPMR-SBXXX
6P				MSAP06MR-SAPMR-SBXXX
5P		4.4	22	MSAP05MR-SAPMR-SBXXX
4P				MSAP04MR-SAPMR-SBXXX
3P	MSAP03MR-SAPMR-SBXXX			

M SAP XX M R - SAP M R - S X XXX

SAP: A-Code Plastic Nut

- 03: 3Pin
- 04: 4Pin
- 05: 5Pin
- 06: 6Pin
- 08: 8Pin
- 10: 10Pin
- 12: 12Pin

M: Male Connector(公座)

R: Right(90°線端)

- XXX: 0.5~99Meters
- A05: 0.5 Meter
- 001: 1 Meter
- 002: 2 Meters
- :
- 099: 99 Meters

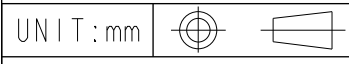
- B: PUR UL20549 Cable,Black(PUR黑色外被線材)
- D: PVC UL2517 Cable,Black(PVC黑色外被線材)

S: Screw(螺紋式)

R: Right(90°線端)

M: Male Connector(公座)

SAP: A-Code Plastic Nut



UNIT:mm	TITLE M12 A-Code Double Ended		
TOLERANCE	SCALE 1:2	SIZE A4	SHEET 2 OF 3
REV. A	WC-REV.	QC: Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Vicky	DATE 2018-12-07
DWG NO MSAPXXMR-SAPMR-SXXXX	CHECKED BY Rita	DATE 2018-12-07
CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-07

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

C1 & C2	3P	4P	5P	6P	8P	10P	12P

Pin Assignments Front View

UNIT:mm

TOLERANCE

TITLE
M12 A-Code Double Ended

SCALE 1:2 SIZE A4 SHEET 3 OF 3

REV. A WC-REV. :Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO
DWG NO MSAPXXMR-SAPMR-SXXXX
CUSTOMER ALTW

DRAWN BY Vicky
CHECKED BY Rita
APPROVED BY Max

DATE 2018-12-07
DATE 2018-12-07
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