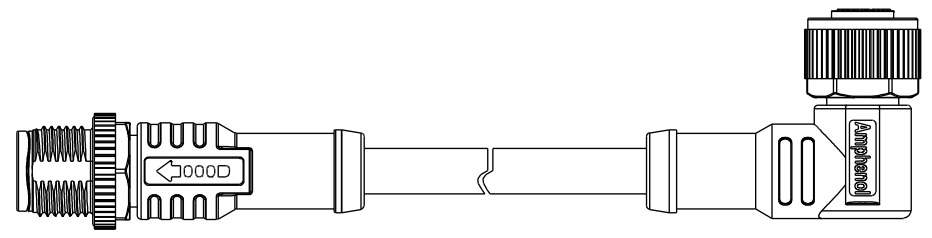
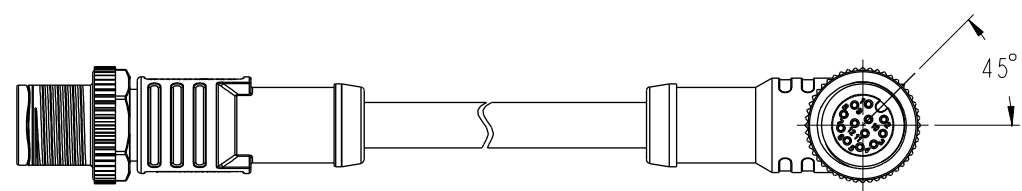
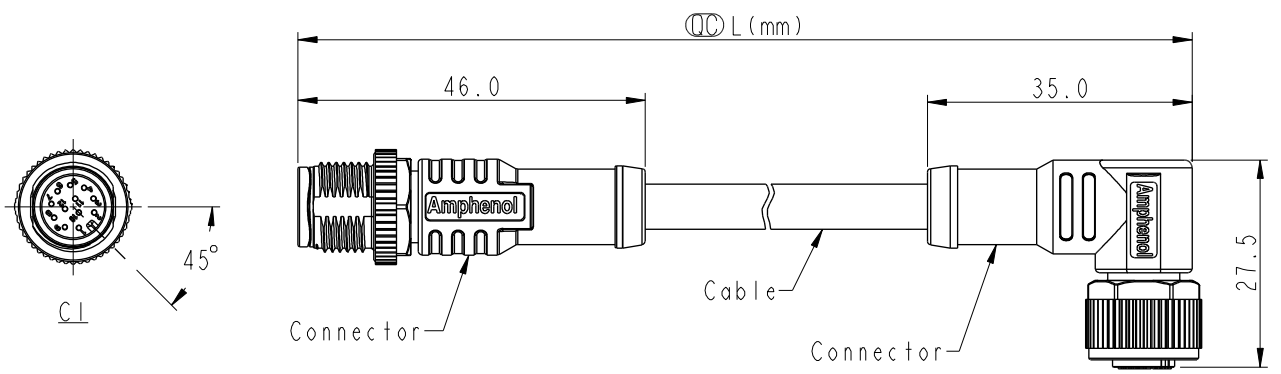


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REV.	DESCRIPTION



- Note:
- * \varnothing Important Dimension.
 - * Waterproof Rate: IP68, IP69K.
 - * Connector: PU+GF, Black.
 - * Pin: Copper Alloy, Gold Plated.
 - * Screw Nut: Zinc Alloy, Nickel Plated.
 - * 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

A	UNIT:mm		TITLE MI2 A-Code Double Ended			ITEM NO		DRAWN BY Vicky	DATE 2018-12-05
	TOLERANCE ±0.5 mm		SCALE 1:2	SIZE A4	SHEET 1 OF 3	DWG NO MI2AXXML-12AFR-SXXXX		CHECKED BY Rita	DATE 2018-12-05
			REV. A	WC-REV. A.1	\varnothing : Inspection item	CUSTOMER ALTW		APPROVED BY Max	DATE 2018-12-05
								8 W10814-03-001A2	



Amphenol LTW
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12P	PVC	6.0	26	M12A12ML-12AFR-SDXXX
10P				M12A10ML-12AFR-SDXXX
8P		5.5	24	M12A08ML-12AFR-SDXXX
6P				M12A06ML-12AFR-SDXXX
5P		5.1	22	M12A05ML-12AFR-SDXXX
4P				M12A04ML-12AFR-SDXXX
3P	4.8		M12A03ML-12AFR-SDXXX	
12P	PUR	6.0	26	M12A12ML-12AFR-SBXXX
10P				M12A10ML-12AFR-SBXXX
8P		4.8	24	M12A08ML-12AFR-SBXXX
6P				M12A06ML-12AFR-SBXXX
5P		5.0	22	M12A05ML-12AFR-SBXXX
4P				M12A04ML-12AFR-SBXXX
3P	4.4		M12A03ML-12AFR-SBXXX	
3P	4.0			
Contacts	Cable Jacket	Cable OD	AWG	Item No.

M 12A XX M L - 12A F R - S X XXX

- 12A: A-Code
- 03: 3Pin
- 04: 4Pin
- 05: 5Pin
- 06: 6Pin
- 08: 8Pin
- 10: 10Pin
- 12: 12Pin
- M: Male Connector(公座)
- L: Straight(180°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)
- F: Female Connector(母座)
- 12A: A-Code

UNIT:mm  

TOLERANCE

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

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DWG NO M12AXXML-12AFR-SXXXX
CUSTOMER ALTW	

DRAWN BY Vicky	CHECKED BY Rita
APPROVED BY Max	


DATE 2018-12-05	DATE 2018-12-05	DATE 2018-12-05
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	Pin #		Wire		Pin #		Wire		Pin #		Wire		Pin #		Wire			
Pin Out	5	--	5	--	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray
	4	Black	4	Black	4	Black	4	Black	4	Black	4	Black	4	Black	4	Black	4	Black
	3	Blue	3	Blue	3	Blue	3	Blue	3	Blue	3	Blue	3	Blue	3	Blue	3	Blue
	2	--	2	White	2	White	2	White	2	White	2	White	2	White	2	White	2	White
	1	Brown	1	Brown	1	Brown	1	Brown	1	Brown	1	Brown	1	White	1	White	1	White
	8	--	8	--	8	Red	8	Red	8	Red	8	Red	8	Red	8	Red	8	Red
	7	Blue	7	Blue	7	Blue	7	Blue	7	Blue	7	Blue	7	Blue	7	Blue	7	Blue
	6	Pink	6	Pink	6	Pink	6	Pink	6	Pink	6	Pink	6	Pink	6	Pink	6	Pink
	5	--	5	--	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray
	4	Yellow	4	Yellow	4	Yellow	4	Yellow	4	Yellow	4	Yellow	4	Yellow	4	Yellow	4	Yellow
	3	Green	3	Green	3	Green	3	Green	3	Green	3	Green	3	Green	3	Green	3	Green
	2	Brown	2	Brown	2	Brown	2	Brown	2	Brown	2	Brown	2	Brown	2	Brown	2	Brown
	1	White	1	White	1	White	1	White	1	White	1	White	1	White	1	White	1	White
	12	--	12	Red/Blue	12	Red/Blue	12	Red/Blue	12	Red/Blue	12	Red/Blue	12	Red/Blue	12	Red/Blue	12	Red/Blue
	11	--	11	Gray/Pink	11	Gray/Pink	11	Gray/Pink	11	Gray/Pink	11	Gray/Pink	11	Gray/Pink	11	Gray/Pink	11	Gray/Pink
	10	Violet	10	Violet	10	Violet	10	Violet	10	Violet	10	Violet	10	Violet	10	Violet	10	Violet
	9	Black	9	Black	9	Black	9	Black	9	Black	9	Black	9	Black	9	Black	9	Black
	8	Red	8	Red	8	Red	8	Red	8	Red	8	Red	8	Red	8	Red	8	Red
	7	Blue	7	Blue	7	Blue	7	Blue	7	Blue	7	Blue	7	Blue	7	Blue	7	Blue
	6	Pink	6	Pink	6	Pink	6	Pink	6	Pink	6	Pink	6	Pink	6	Pink	6	Pink
	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray	5	Gray
	4	Yellow	4	Yellow	4	Yellow	4	Yellow	4	Yellow	4	Yellow	4	Yellow	4	Yellow	4	Yellow
	3	Green	3	Green	3	Green	3	Green	3	Green	3	Green	3	Green	3	Green	3	Green
	2	Brown	2	Brown	2	Brown	2	Brown	2	Brown	2	Brown	2	Brown	2	Brown	2	Brown
	1	White	1	White	1	White	1	White	1	White	1	White	1	White	1	White	1	White

	Pin #		Wire		Pin #		Wire		Pin #		Wire		Pin #		Wire	
C2	3	1	3	2	3	3	3	4	3	5	3	6	3	7	3	8
	4	2	4	3	4	4	4	5	4	6	4	7	4	8	4	9
	5	3	5	4	5	5	5	6	5	7	5	8	5	9	5	10
	6	4	6	5	6	6	6	7	6	8	6	9	6	10	6	11
	7	5	7	6	7	7	7	8	7	9	7	10	7	11	7	12
C1	3	1	3	2	3	3	3	4	3	5	3	6	3	7	3	8
	4	2	4	3	4	4	4	5	4	6	4	7	4	8	4	9
	5	3	5	4	5	5	5	6	5	7	5	8	5	9	5	10
	6	4	6	5	6	6	6	7	6	8	6	9	6	10	6	11
	7	5	7	6	7	7	7	8	7	9	7	10	7	11	7	12


Pin Assignments Front View

UNIT:mm 

TOLERANCE

TITLE
MI2 A-Code Double Ended

SCALE 1:2 SIZE A4 SHEET 3 OF 3

REV. A WC-REV. A.1 : Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO
DWG NO
CUSTOMER

MI2AXXML-12AFR-SXXXX
ALTW

DRAWN BY
CHECKED BY
APPROVED BY

Vicky
Rita
Max

DATE
DATE
DATE

2018-12-05
2018-12-05
2018-12-05

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Amphenol:

[M12A08ML-12AFR-SDA05](#) [M12A04ML-12AFR-SB001](#) [M12A05ML-12AFR-SB001](#) [M12A05ML-12AFR-SBA05](#)
[M12A08ML-12AFR-SB001](#) [M12A08ML-12AFR-SBA05](#) [M12A04ML-12AFR-SDA05](#) [M12A10ML-12AFR-SBA05](#)
[M12A12ML-12AFR-SBA05](#) [M12A12ML-12AFR-SDA05](#) [M12A04ML-12AFR-SD001](#) [M12A08ML-12AFR-SD001](#)
[M12A04ML-12AFR-SBA05](#) [M12A05ML-12AFR-SD001](#) [M12A05ML-12AFR-SDA05](#) [M12A10ML-12AFR-SDA05](#)