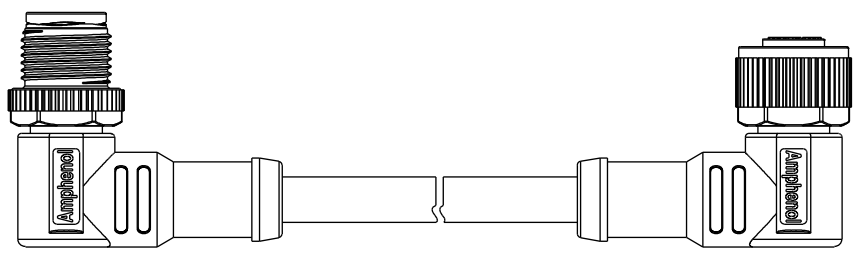
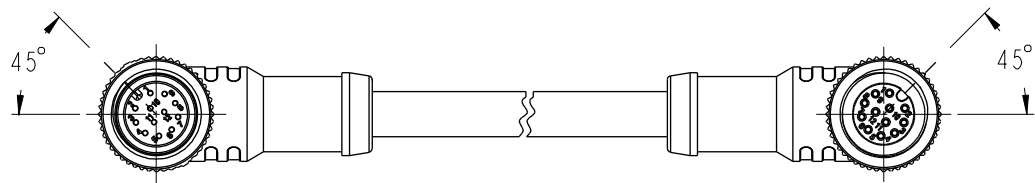
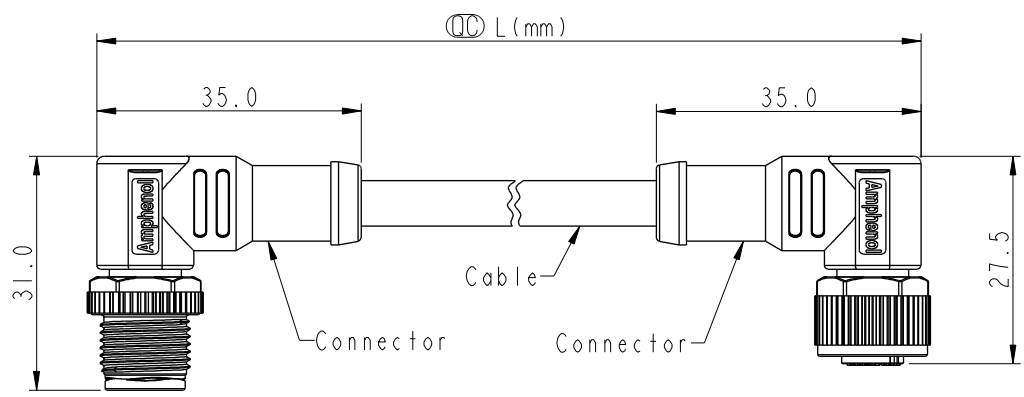


| REV. | DESCRIPTION |
|------|-------------|
| | |
| | |
| | |



- Note:
- * QC 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 | | TITLE | MI2 A-Code Double Ended | | |
| TOLERANCE | ±0.5 mm | SCALE | 1:2 | SIZE | A4 |
| | | REV. | A | WC-REV. | |
| | | | | | QC : Inspection item |

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

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| | | 6 | | 7 | | 8 | |
|----------|----------------------|----------|-----|----------------------|--|---|--|
| 12P | PVC | 6.0 | 26 | MSAPI2MR-SAPFR-SDXXX | | | |
| 10P | | | | MSAPI0MR-SAPFR-SDXXX | | | |
| 8P | | 5.5 | 24 | MSAP08MR-SAPFR-SDXXX | | | |
| 6P | | | | MSAP06MR-SAPFR-SDXXX | | | |
| 5P | | 4.8 | 22 | MSAP05MR-SAPFR-SDXXX | | | |
| 4P | | | | MSAP04MR-SAPFR-SDXXX | | | |
| 3P | MSAP03MR-SAPFR-SDXXX | | | | | | |
| 12P | PUR | 6.0 | 26 | MSAPI2MR-SAPFR-SBXXX | | | |
| 10P | | | | MSAPI0MR-SAPFR-SBXXX | | | |
| 8P | | 4.8 | 24 | MSAP08MR-SAPFR-SBXXX | | | |
| 6P | | | | MSAP06MR-SAPFR-SBXXX | | | |
| 5P | | 4.4 | 22 | MSAP05MR-SAPFR-SBXXX | | | |
| 4P | | | | MSAP04MR-SAPFR-SBXXX | | | |
| 3P | MSAP03MR-SAPFR-SBXXX | | | | | | |
| Contacts | Cable Jacket | Cable OD | AWG | Item No. | | | |

M SAP XX M R - SAP F 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)

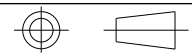
S: Screw(螺紋式)

R: Right(90°線端)

F: Female Connector(公座)

SAP: A-Code Plastic Nut

UNIT:mm



| | | | |
|----------------------------------|------------|---------------------|--|
| TITLE MI2 A-Code Double Ended | | | |
| SCALE 1:2 | SIZE A4 | SHEET 2 OF 3 | |
| REV. A | WC-REV. | QC: Inspection item | |

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

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

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

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

Pin Assignments Front View

| | | | | | | | |
|--------------------------|--------------------------------------|--|--|--------------------------------------|--------------------------------|--------------------|--------------------|
| UNIT:mm TOLERANCE | TITLE MI2 A-Code Double Ended | | | Amphenol LTW 安費諾亮泰企業股份有限公司 | ITEM NO | DRAWN BY Vicky | DATE 2018-12-07 |
| | SCALE 1:2 SIZE A4 SHEET 3 OF 3 | | | | DWG NO MSAPXXMR-SAPFR-SXXXX | CHECKED BY Rita | DATE 2018-12-07 |
| | REV. A WC-REV. | | | | CUSTOMER ALTW | APPROVED BY Max | DATE 2018-12-07 |
| QC: Inspection item | | | | W10814-03-#01A2 | | | |

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