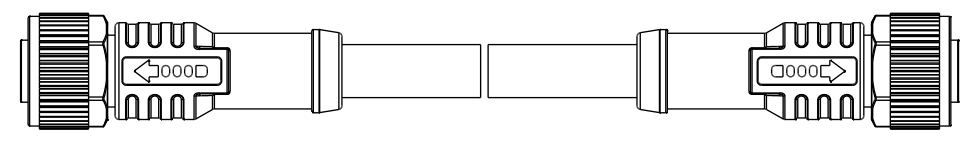
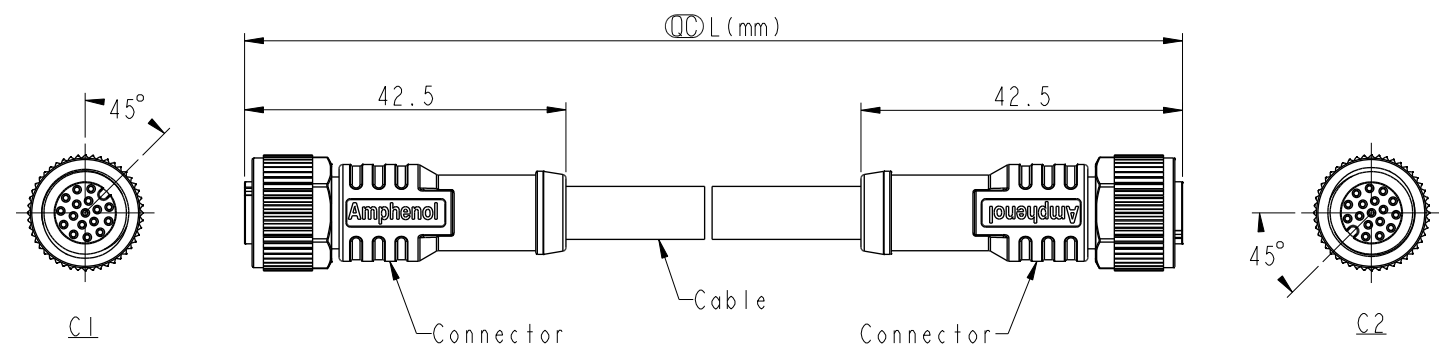


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| REV. | ECN NO. | DATE       | SIGN  | DESCRIPTION |
|------|---------|------------|-------|-------------|
| B    | C201735 | 2020/11/09 | Ruru  | △B X6       |
| C    | C210226 | 2021/03/30 | Vicky | △C X4       |



Note:

- \* RoHS Compliant
- \*  $\varnothing$  Important dimension
- \* Waterproof rate: IPX8, mated 1m/24h  
IPX9K, mated
- \* Connector
  - Housing: Thermoplastic, Black
  - Pin: Copper alloy, Gold plated
  - O-Ring: Rubber, Green
  - Nut: Metal
  - Outer Mold: Thermoplastic, Black
- \* Cable: UL2517, PVC Jacket, Black
- \* Cable Length Tolerance:
 

|                |            |
|----------------|------------|
| 0.5M < L ≤ 1M: | +60/-0 mm  |
| 1M < L ≤ 3M:   | +120/-0 mm |
| 3M < L ≤ 5M:   | +160/-0 mm |
| 5M < L ≤ 10M:  | ±100 mm    |
| 10M < L ≤ 20M: | ±200 mm    |
| 20M < L ≤ 30M: | ±300 mm    |
| 30M < L ≤ 99M: | ±500 mm    |




A B C D E F

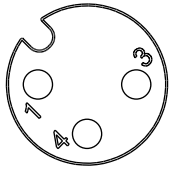
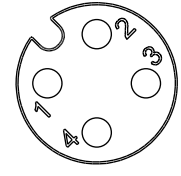
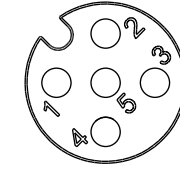
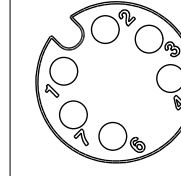
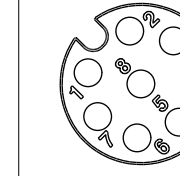
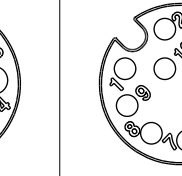
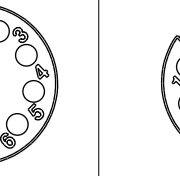
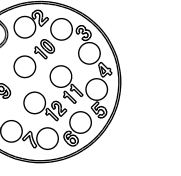
|           |        |         |                                  |               |                 |       |   |    |   |
|-----------|--------|---------|----------------------------------|---------------|-----------------|-------|---|----|---|
| UNIT:mm   |        | TITLE   | ACC, SEN, A Code, DB-ENDED<br>FF |               |                 |       |   |    |   |
| TOLERANCE | ±0.5mm | SCALE   | 1:2                              | SIZE          | A4              | SHEET | 1 | OF | 2 |
| REV.      | C      | WC-REV. |                                  | $\varnothing$ | Inspection item |       |   |    |   |

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

|                       |             |            |
|-----------------------|-------------|------------|
| ITEM NO               | DRAWN BY    | DATE       |
|                       | Ruru        | 2018-12-05 |
| DWG NO                | CHECKED BY  | DATE       |
| △MI2AXXFL-12AFL-SDXXX | Rita        | 2018-12-05 |
| CUSTOMER              | APPROVED BY | DATE       |
| ALTW                  | Max         | 2018-12-05 |

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|  |  |  |  |  |  |  |   |   |                       |  |
|--|--|--|--|--|--|--|---|---|-----------------------|--|
|  |  |  |  |  |  |  |   |   |                       |  |
| <br><b>M12AXXFL-12AFL-SDXXX</b><br>XX: No. Of Pin |  |  |  |  |  |  | <br>17P<br>12P<br>10P<br>8P<br>6P<br>5P<br>4P<br>3P<br>Contacts | 7.0<br>6.0<br>5.5<br>5.0<br>5.1<br>4.8<br>4.5<br>Cable OD | 26<br>24<br>22<br>AWG | M12A17FL-12AFL-SDXXX<br>M12A12FL-12AFL-SDXXX<br>M12A10FL-12AFL-SDXXX<br>M12A08FL-12AFL-SDXXX<br>M12A06FL-12AFL-SDXXX<br>M12A05FL-12AFL-SDXXX<br>M12A04FL-12AFL-SDXXX<br>M12A03FL-12AFL-SDXXX<br>Item No. |
|  |  |  |  |  |  |  |    |   |                       |  |
|  |  |  |  |  |  |  | XXX: 0.5~99Meters<br>A05: 0.5 Meter<br>1: 01 Meter<br>2: 02 Meters<br>:<br>99: 99 Meters  |   |                       |  |

| Pin Out | 5   |       | 4   |       | 3   |      | 2   |       | 1   |       | 8   |      | 7   |        | 6   |       | 5     |      | 4     |      | 3      |       | 2     |       | 1     |      | 12    |        | 11    |       | 10    |      | 9     |      | 8      |       | 7     |       | 6     |      | 5     |        | 4     |       | 3     |      | 2     |      | 1      |       |       |       |       |      |
|---------|---|-------|---|-------|---|------|---|-------|---|-------|---|------|---|--------|---|-------|-------|------|-------|------|--------|-------|-------|-------|-------|------|-------|--------|-------|-------|-------|------|-------|------|--------|-------|-------|-------|-------|------|-------|--------|-------|-------|-------|------|-------|------|--------|-------|-------|-------|-------|------|
|         | --  | Black | Black   | Black | Black   | Blue | Blue  | White | White   | Brown | Gray  | Blue | Pink  | Yellow | Green   | Brown | White | Red  | Blue  | Pink | Yellow | Green | Brown | White | Red   | Blue | Pink  | Yellow | Green | Brown | White | Red  | Blue  | Pink | Yellow | Green | Brown | White | Red   | Blue | Pink  | Yellow | Green | Brown | White | Red  | Blue  | Pink | Yellow | Green | Brown | White |       |      |
|         | Pin #   | Wire  | Pin #   | Wire  | Pin #   | Wire | Pin #   | Wire  | Pin #   | Wire  | Pin #   | Wire | Pin #   | Wire   | Pin #   | Wire  | Pin # | Wire | Pin # | Wire | Pin #  | Wire  | Pin # | Wire  | Pin # | Wire | Pin # | Wire   | Pin # | Wire  | Pin # | Wire | Pin # | Wire | Pin #  | Wire  | Pin # | Wire  | Pin # | Wire | Pin # | Wire   | Pin # | Wire  | Pin # | Wire | Pin # | Wire | Pin #  | Wire  | Pin # | Wire  | Pin # | Wire |
| CI & C2 |  |       |  |       |  |      |  |       |  |       |  |      |  |        |  |       |       |      |       |      |        |       |       |       |       |      |       |        |       |       |       |      |       |      |        |       |       |       |       |      |       |        |       |       |       |      |       |      |        |       |       |       |       |      |

Pin Assignments Front View

|                     |   |   |   |                       |  |                    |                    |
|---------------------|---|---|---|-----------------------|--|--------------------|--------------------|
| UNIT:mm             |  | TITLE<br>ACC, SEN, A Code, DB-ENDED<br>FF |                    | <h1>Amphenol LTW</h1> | ITEM NO  | DRAWN BY<br>Ruru   | DATE<br>2018-12-05 |
| TOLERANCE<br>±0.5mm | SCALE<br>1:2  | SIZE<br>A4                                | SHEET<br>2 OF 2   | <b>安費諾亮泰企業股份有限公司</b>  | DWG NO<br> M12AXXFL-12AFL-SDXXX | CHECKED BY<br>Rita | DATE<br>2018-12-05 |
|                     | REV.<br>C   | WC-REV.                                   |  : Inspection item | ALTW                  | CUSTOMER   | APPROVED BY<br>Max | DATE<br>2018-12-05 |