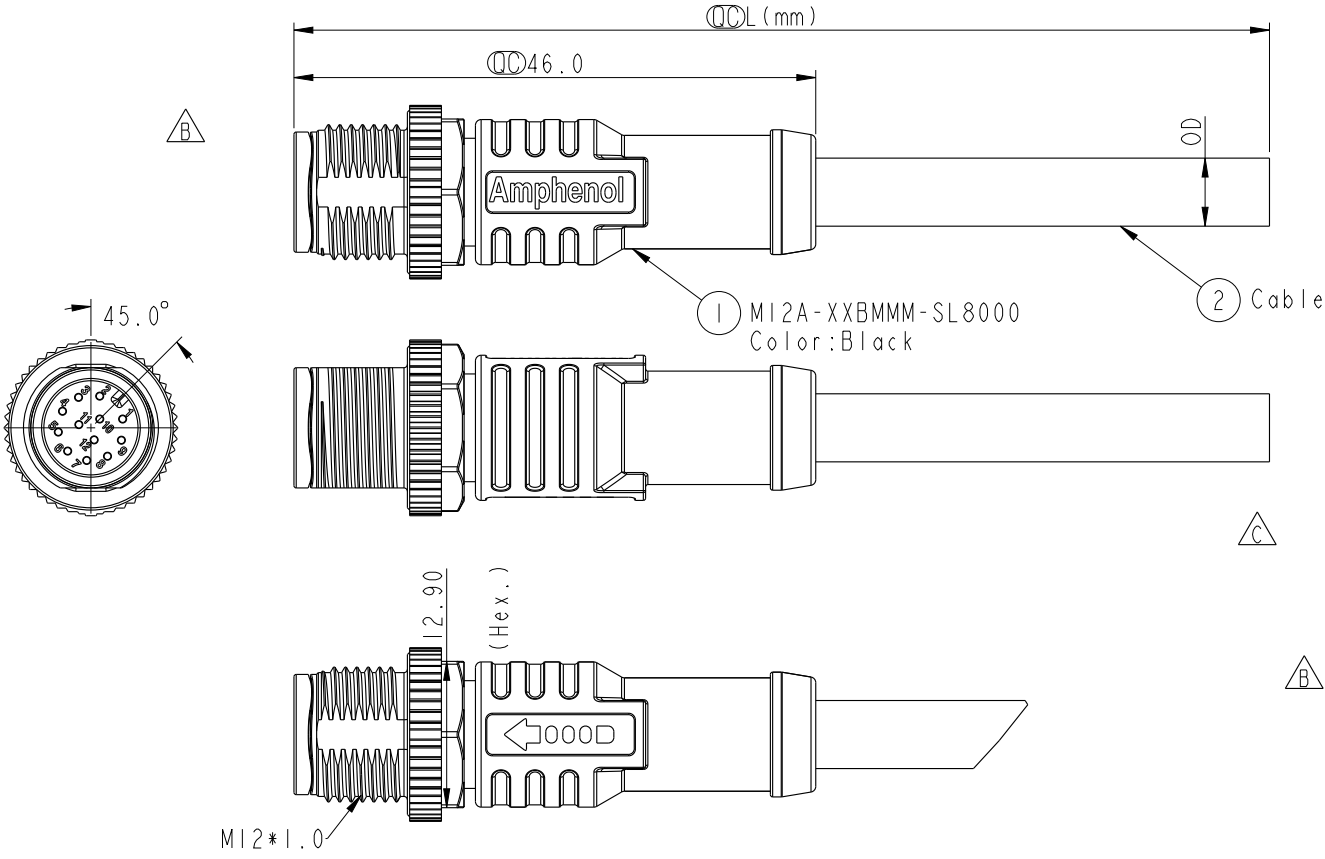


| REV. | ECN NO. | DATE | SIGN | DESCRIPTION |
|------|----------------------------------|------------|-------------|---------------------|
| B | LEN1580154-165 | 2015/08/10 | Feng_Li | Add Black PVC Cable |
| C | LEN1680979-996 LEN1681012-015 | 2016/08/13 | Yulong_wang | Add 6Pin & IP69K. |
| D | LEN1750103-09 | 2017/04/06 | Lingpeng | Change The Cable OD |



- 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 MI2 A Type Cable Male Conn. | | | |
| SCALE 3:2 | SIZE A4 | SHEET 1 OF 3 | |
| REV. D | WC-REV. A.3 | \varnothing : Inspection item | |

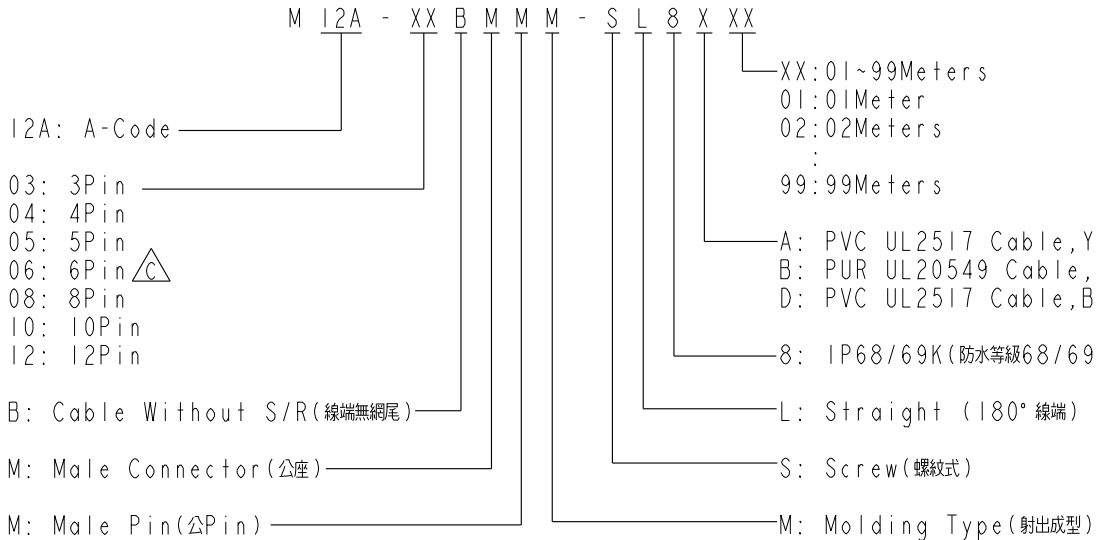
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| | | |
|------------------------------|----------------------|--------------------|
| ITEM NO | DRAWN BY Lingpeng | DATE 2017-04-06 |
| DWG NO MI2A-XXBMMM-SL8XXX | CHECKED BY Ma Fei | DATE 2017-04-06 |
| CUSTOMER ALTW | APPROVED BY Jerry | DATE 2017-04-06 |

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| Contacts | Cable Jacket | Cable OD | AWG | Item No. |
|----------|--------------|----------|-----|--------------------|
| △B | PVC | 6.0 | 26 | M12A-12BMMM-SL8DXX |
| | | | | M12A-10BMMM-SL8DXX |
| △C | PVC | 5.5 | 24 | M12A-08BMMM-SL8DXX |
| | | | | M12A-06BMMM-SL8DXX |
| | PVC | 5.1 | 22 | M12A-05BMMM-SL8DXX |
| | | | | M12A-04BMMM-SL8DXX |
| | PUR | 4.8 | 22 | M12A-03BMMM-SL8DXX |
| | | | | M12A-12BMMM-SL8BXX |
| △D | PUR | 6.0 | 26 | M12A-10BMMM-SL8BXX |
| | | | | M12A-08BMMM-SL8BXX |
| △C | PUR | 5.0 | 24 | M12A-06BMMM-SL8BXX |
| | | | | M12A-05BMMM-SL8BXX |
| △D | PUR | 4.4 | 22 | M12A-04BMMM-SL8BXX |
| | | | | M12A-03BMMM-SL8BXX |
| | PVC | 6.0 | 26 | M12A-12BMMM-SL8AXX |
| | | | | M12A-10BMMM-SL8AXX |
| △C | PVC | 5.5 | 24 | M12A-08BMMM-SL8AXX |
| | | | | M12A-06BMMM-SL8AXX |
| | PVC | 5.1 | 22 | M12A-05BMMM-SL8AXX |
| | | | | M12A-04BMMM-SL8AXX |
| | PVC | 4.8 | 22 | M12A-03BMMM-SL8AXX |
| | | | | M12A-03BMMM-SL8AXX |



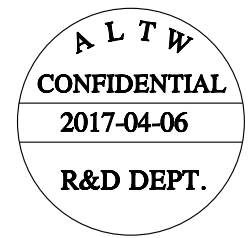
| | |
|------------------|--|
| UNIT:mm | |
| TOLERANCE ±0.5mm | |

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

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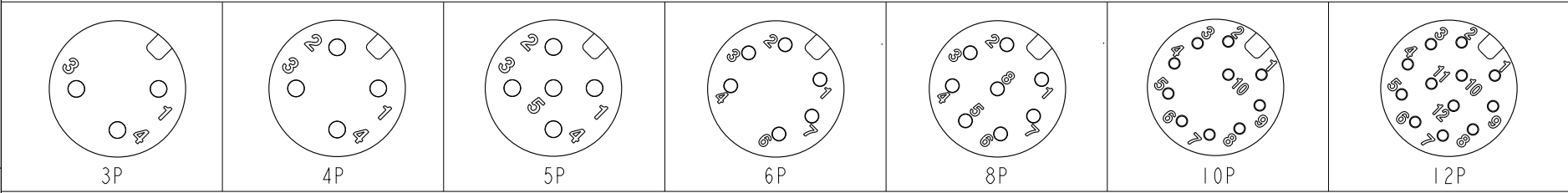
| | | |
|------------------------------|----------------------|--------------------|
| ITEM NO | DRAWN BY Lingpeng | DATE 2017-04-06 |
| DWG NO M12A-XXBMMM-SL8XXX | CHECKED BY Ma Fei | DATE 2017-04-06 |
| CUSTOMER ALTW | APPROVED BY Jerry | DATE 2017-04-06 |

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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 | Brown | 棕 | 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. | | | ITEM NO M12A-XXBMMM-SL8XXX | | DRAWN BY Lingpeng | | DATE 2017-04-06 | |
| | | SCALE 3:2 | SIZE A4 | SHEET 3 OF 3 | DWG NO M12A-XXBMMM-SL8XXX | | CHECKED BY Ma Fei | | DATE 2017-04-06 | |
| | | REV. D | WC-REV. A.3 | Inspection item | CUSTOMER ALTW | | APPROVED BY Jerry | | DATE 2017-04-06 | |

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