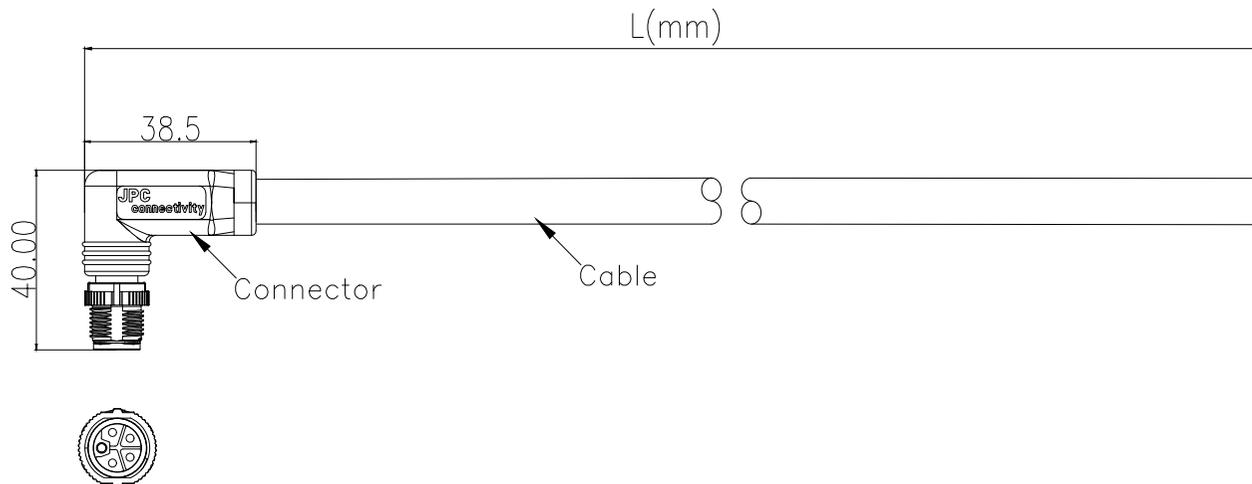


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CUSTOMER DRAWING

| REV. | ECN NO. | DESCRIPTION | MDF'D | APP'D | DATE |
|------|---------|---------------|--------|-------|------------|
| A1 | | First Release | George | Ray | 09/09/2024 |
| A2 | | | | | |
| A3 | | | | | |



Notes:

- Connector :
 - Housing : PA66 , Black , UL94V-0
 - Pin : Copper alloy , Gold plated
 - O-Ring : Silicone Rubber , Black
 - Mating Nut : Copper Alloy , Ni plated
 - OverMold : Plastic , Black , UL94V-0
- Waterproof Rate : IP67 Mated.
- RoHS Compliant
- Cable : UL2517 14AWG, Black PVC Jacket
- Cable Length Tolerance :
 - $L < 0.3M$: +25mm/-0mm
 - $0.3M < L \leq 1.5M$: +50mm/-0 mm
 - $1.5M < L \leq 3M$: +100mm/-0 mm
 - $3M < L \leq 7.5M$: +150mm/-0 mm
 - $L > 7.5M$: +5%mm/-0% mm

P/N:

L-MN12-XXC-MDMS-SR-7MXXX

XX : No. Of Pin

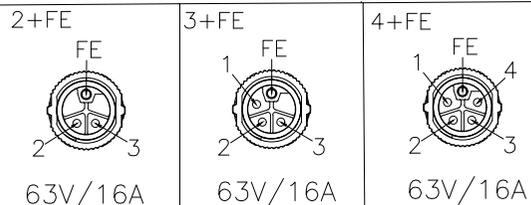
XXX (Length) : _____

First X : A (0 meter) , B (1 Meter)

XX :10 (100mm) , 20 (200mm)

XXX :A10 (100mm) , B20 (1200mm)

Pin Assignment Front View



Pin Out

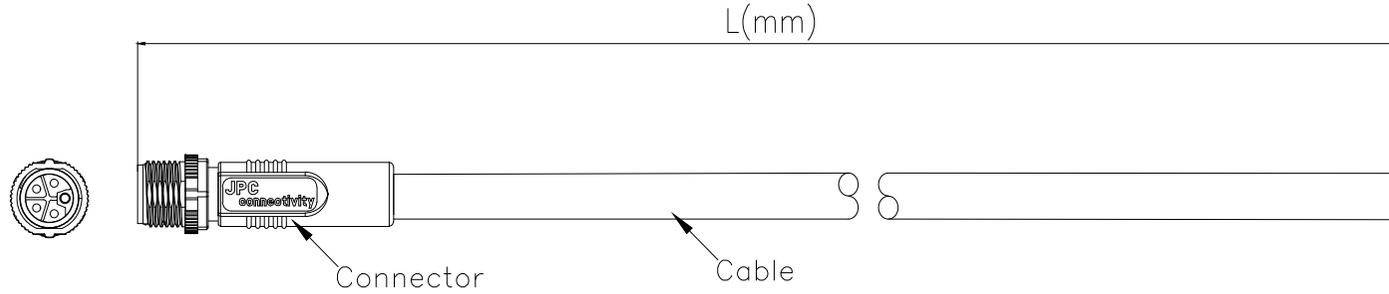
| Pin | Wire Color | Pin | Wire Color | Pin | Wire Color |
|-----|------------|-----|------------|-----|------------|
| 1 | ---- | 1 | Brown | 1 | Brown |
| 2 | White | 2 | White | 2 | White |
| 3 | Blue | 3 | Blue | 3 | Blue |
| 4 | ---- | 4 | ---- | 4 | Gray |
| PE | Pink | PE | Pink | PE | Pink |

| | | | | | |
|-----------------------|--|------------------|---------------------------------------|--------------------------------------|--------------|
| RoHS COMPLIANT | Unit : mm | PROJECTION | | JPC connectivity | |
| | GENERAL TOLERANCES: (UNLESS SPECIFIED) | D.R. 07/16/2024 | TITLE M12 L Code 5Pin Male to Open | | |
| | 0 = ±.50 | CH.K 07/16/2024 | SCALE | | REV. A1 |
| | 0.0 = ±.25 | APV.D 07/16/2024 | SIZE | PART NO. L-MN12-XXC-MDMS-SR-7MXXX | SHEET 1 OF 1 |
| 0.00 = ±.15 | | | | | |
| 0.000 = ±.05 | | | | | |
| 0' = ±.2' | | | | | |
| 0.0' = ±.1' | | | | | |

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CUSTOMER DRAWING

| REV. | ECN NO. | DESCRIPTION | MDF'D | APP'D | DATE |
|------|---------|---------------|--------|-------|------------|
| A1 | | First Release | George | Ray | 09/09/2024 |
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 - $3M < L \leq 7.5M$: +150mm/-0 mm
 - $L > 7.5M$: +5%mm/-0% mm

P/N:

L-MN12-XXC-MDMS-SS-7MXXX

XX : No. Of Pin

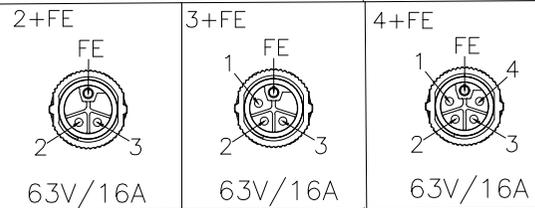
XXX (Length) : _____

First X : A (0 meter) , B (1 Meter)

XX :10 (100mm) , 20 (200mm)

XXX :A10 (100mm) , B20 (1200mm)

Pin Assignment Front View



Pin Out

| Pin | Wire Color | Pin | Wire Color | Pin | Wire Color |
|-----|------------|-----|------------|-----|------------|
| 1 | ---- | 1 | Brown | 1 | Brown |
| 2 | White | 2 | White | 2 | White |
| 3 | Blue | 3 | Blue | 3 | Blue |
| 4 | ---- | 4 | ---- | 4 | Gray |
| PE | Pink | PE | Pink | PE | Pink |

| | | | | | | |
|-----------------------|---|------------------|---------------------------------------|-------------------------|---------|--------------------------------------|
| RoHS COMPLIANT | Unit : mm | PROJECTION | | JPC connectivity | | |
| | GENERAL TOLERANCES: (UNLESS SPECIFIED) | D.R. 07/16/2024 | TITLE M12 L Code 5Pin Male to Open | | | PD./FILE NO. |
| | 0 = ±.50 0.0 = ±.25 0.00 = ±.15 0.000 = ±.05 0' = ±.2' 0.0' = ±.1' | CH.K 07/16/2024 | SCALE | | SIZE | PART NO. L-MN12-XXC-MDMS-SS-7MXXX |
| | | APV.D 07/16/2024 | - | | REV. A1 | SHEET 1 OF 1 |