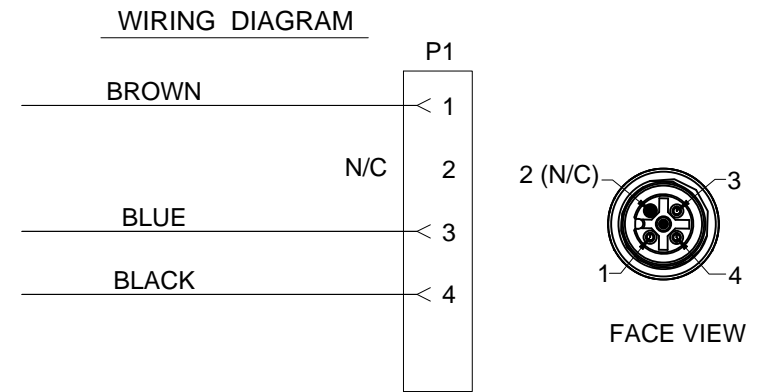
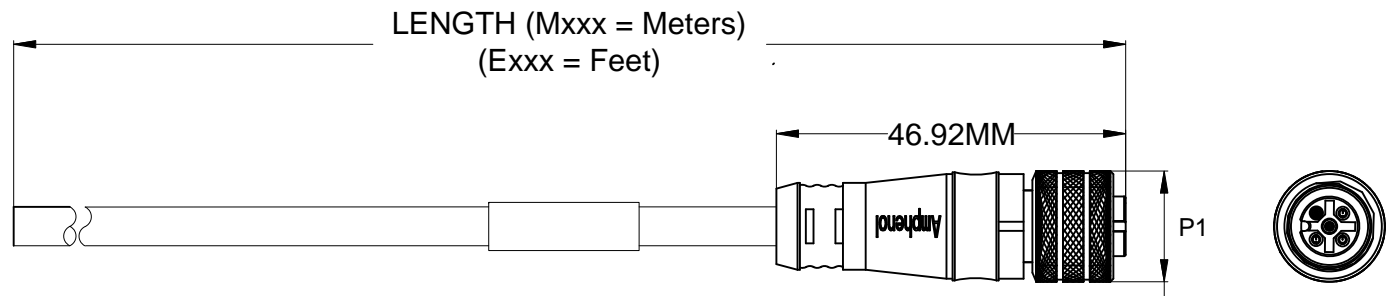


| REVISIONS | | | | | | |
|-----------|------|-----|------------------------------|-----------|----|------|
| REV | ZONE | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | - | TECHNICAL DATA SHEET RELEASE | 27 OCT 15 | - | - |



TECHNICAL DATA:

- MATERIALS:**
 COUPLING NUT: MACHINED ALUMINUM, ANODIZED
 CONTACT: GOLD FLASH OVER COPPER ALLOY
 OVERMOLD MATERIAL: THERMOPLASTIC COLOR: YELLOW
 CABLE RATING: UL AWM STYLE 2661, CSA AWM I/II A/B, FT1 FLAME TEST, 300V, 105°C
 CABLE JACKET MATERIAL: PVC COLOR: YELLOW
 CONDUCTOR INSULATION: PVC
 NUMBER OF CONDUCTORS: (3) 22AWG
- ELECTRICAL DATA:**
 CURRENT (MAX): 4A
 VOLTAGE (MAX): 300V AC/DC
 INSULATION RESISTANCE (MIN): 5000M OHMS
 DIELECTRIC TEST VOLTAGE: 2200V
- MECHANICAL DATA:**
 TEMPERATURE RANGE: -20°C TO +105°C
 PROTECTION: IP67 (MATED CONDITION)
 MATING CYCLES: >500
 VIBRATION RESISTANCE PER MIL-STD-202 METHOD 204
 THERMAL SHOCK PER MIL-STD-202 METHOD 207
 48 HOUR SALT SPRAY PER MIL-STD-202 METHOD 101
- RoHS COMPLIANT**
- UL 2238 LISTED ASSEMBLY**
 UL FILE NUMBERS: E224856

Risk of Electrical Shock
Do Not Disconnect Under Load.
Risque de chocs électriques
Ne pas debrancher sous tension.

WARNING

| TOLERANCE | |
|----------------------------|-----------------------------|
| 0-2.99 M = +100.0/-25.0mm | 0-9.99 FT = +4" / -1" |
| 3-8.99 M = +150.0/-25.0mm | 10.00-29.99 FT = +6" / -1" |
| 9-14.99 M = +300.0/-25.0mm | 30.00-49.99 FT = +12" / -1" |
| 15-OVER M = +450.0/-25.0mm | 50 FT-OVER = +18" / -1" |

| QUANTITY | PART NUMBER | DESCRIPTION | ITEM | | | | | | | | | | | | | | | |
|--|-------------|---|--------------|------------|------|---------|----------|-----|-----------|-----------|-----|-----------|-----------|-----|--|-----------|-----|-----------|
| MATERIALS LIST | | | | | | | | | | | | | | | | | | |
| UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference = | | <table border="1" style="width: 100%;"> <tr> <th colspan="2">SIGNATURES</th> <th>DATE</th> </tr> <tr> <td>DRAWN:</td> <td>KMM</td> <td>12-MAY-14</td> </tr> <tr> <td>CHECKED:</td> <td>MRF</td> <td>12-MAY-14</td> </tr> <tr> <td>ENGINEER:</td> <td>KMM</td> <td></td> </tr> <tr> <td>APPROVAL:</td> <td>RFC</td> <td>12-MAY-14</td> </tr> </table> | | SIGNATURES | | DATE | DRAWN: | KMM | 12-MAY-14 | CHECKED: | MRF | 12-MAY-14 | ENGINEER: | KMM | | APPROVAL: | RFC | 12-MAY-14 |
| SIGNATURES | | DATE | | | | | | | | | | | | | | | | |
| DRAWN: | KMM | 12-MAY-14 | | | | | | | | | | | | | | | | |
| CHECKED: | MRF | 12-MAY-14 | | | | | | | | | | | | | | | | |
| ENGINEER: | KMM | | | | | | | | | | | | | | | | | |
| APPROVAL: | RFC | 12-MAY-14 | | | | | | | | | | | | | | | | |
| MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: NEXT ASSY: | | <div style="font-size: 1.5em; font-weight: bold; margin-bottom: 10px;">Amphenol</div> <p style="font-size: 0.8em;">Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036</p> <div style="font-size: 1.2em; font-weight: bold; margin-bottom: 10px;">MICROBOSS M12, 3 PIN, Female, Straight, 22 AWG, AWM STYLE 2661, PVC Jacket</div> <table border="1" style="width: 100%; font-size: 0.8em;"> <tr> <td>SIZE</td> <td>TYPE</td> <td>DWG NO:</td> <td>REVISION</td> </tr> <tr> <td>C-</td> <td></td> <td>MC34AC05M</td> <td>A1</td> </tr> </table> | | SIZE | TYPE | DWG NO: | REVISION | C- | | MC34AC05M | A1 | | | | | | | |
| SIZE | TYPE | DWG NO: | REVISION | | | | | | | | | | | | | | | |
| C- | | MC34AC05M | A1 | | | | | | | | | | | | | | | |
| SCALE: HALF | | MC34AC05M | SHEET 1 OF 1 | | | | | | | | | | | | | | | |

TITLE: MICROBOSS M12, 3 PIN, FEMALE, STRAIGHT
 DATE: 12-MAY-14
 DRAWN: KMM
 CHECKED: MRF
 ENGINEER: KMM
 APPROVAL: RFC

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