

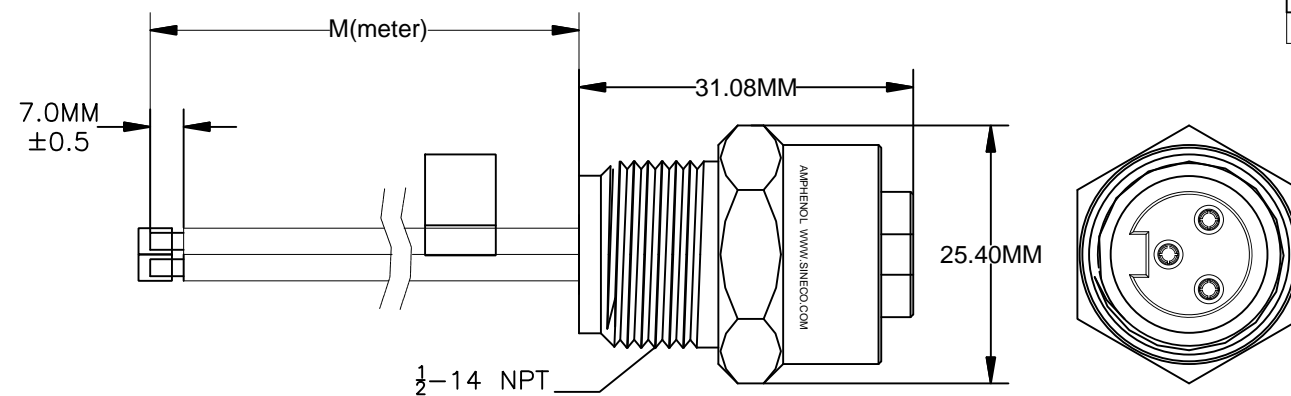
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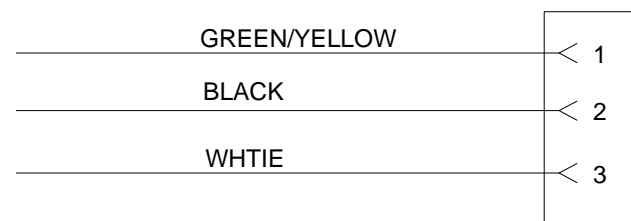
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REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	15 OCT 15	JLAG	- -



WIRING DIAGRAM



TECHNICAL DATA:

1) MATERIALS:

- COUPLING NUT: MACHINED ALUMINUM, ANODIZED
- INSULATION INSERT: THERMOPLASTIC, UL 94/V-0
- CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
- CABLE RATING: UL LISTED TYPE 1015, CSA CERTIFIED TYPE TEW, FT1 FLAME RATING, 600V, 105°C
- CONDUCTOR INSULATION: PVC
- NUMBER OF CONDUCTORS: (3) 16AWG

2) ELECTRICAL DATA:

- CURRENT (MAX): 13A
- VOLTAGE (MAX): 600V AC/DC
- INSULATION RESISTANCE (MIN): 5000M OHMS
- DIELECTRIC TEST VOLTAGE: 2200V

3) MECHANICAL DATA:

- TEMPERATURE RANGE: -20°C TO +105°C
- PROTECTION: IP67 (MATED CONDITION)
- MATING CYCLES: >500
- VIBRATION RESISTANCE PER MIL-STD-202 METHOD 204
- THERMO SHOCK PER MIL-STD-202 METHOD 207
- 48 HOUR SALT SPRAY PER MIL-STD-202 METHOD 101

4) RoHS COMPLIANT

- 5) UL 2238 LISTED ASSEMBLY
- UL FILE NUMBERS: E224856

TOLERANCE
0-2.99 M = +100.0/-25.0mm
3-8.99 M = +150.0/-25.0mm
9-14.99 M = +300.0/-25.0mm
15-OVER M = +450.0/-25.0mm

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

**WARNING**

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
<b>MATERIALS LIST</b>			
<small>UNLESS OTHERWISE SPECIFIED</small> 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 =		<b>Amphenol</b> Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036	
<small>SIGNATURES</small> DRAWN: KMM CHECKED: MRF ENGINEER: KMM APPROVAL: RFC DATE: 12-MAY-14		MINIBOSS M22 (7/8"), 3 PIN, FEMALE RECEPTACLE, INTERNAL THREADS, 16 AWG, UL1015, PVC WIRE	
<small>MATERIAL SPECIFICATIONS:</small> CUSTOMER:		SIZE: C-    DWG NO: MN34PW02    REVISION: A1	
<small>PROCESS SPECIFICATIONS:</small> THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		SCALE: HALF    SHEET 1 OF 1	
<small>NEXT ASSY:</small>		C-MN34PW02	

TITLE: 3 PIN MINI FEMALE RECP, METERS

DWG NO: MN34PW02MAXX

REV: B1

SH: 1

OF: 1

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