

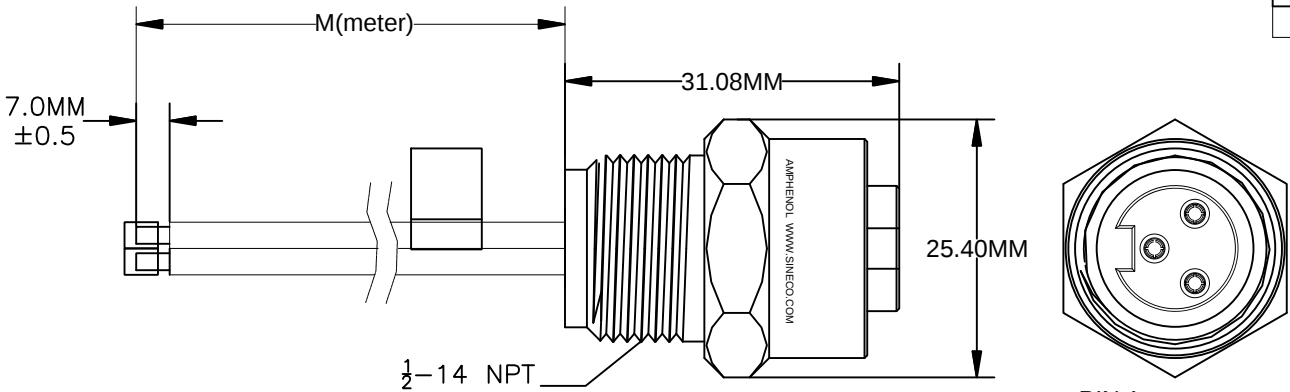
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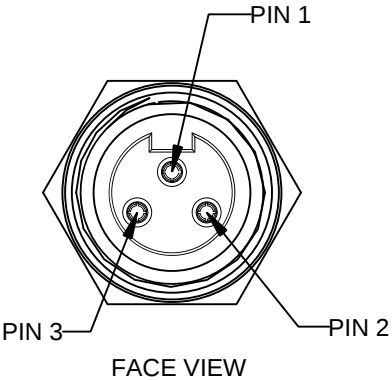
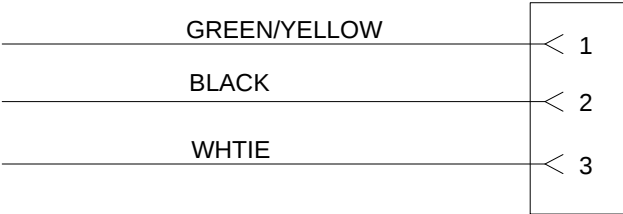
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REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	15 OCT 15	JLAG	-	-



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 electriques
Ne pas debrancher sous tension.

WARNING

PART NUMBER		DESCRIPTION		ITEM
QUANTITY		MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		SIGNATURES	DATE	
		DRAWN: KMM	12-MAY-14	
		CHECKED: MRF	12-MAY-14	
		ENGINEER: KMM		
		APPROVAL: RFC	12-MAY-14	
MATERIAL SPECIFICATIONS:		CUSTOMER:		
PROCESS SPECIFICATIONS:		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.		
NEXT ASSY:				
		Amphenol		
		Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036		
		MINIBOSS M22 (7/8"), 3 PIN, FEMALE RECEPTACLE, INTERNAL THREADS, 16 AWG, UL1015, PVC WIRE		
		SIZE	TYPE	DWG NO.
			C-	MN34PW02
		SCALE: HALF	C-MN34PW02	
		SHEET 1 OF 1		REVISION A1

title: 3 PIN MINI, FEMALE RECP, 16AWG

dwg no: MN34PW02MXX

rev: B1

sh: 1

of: 1