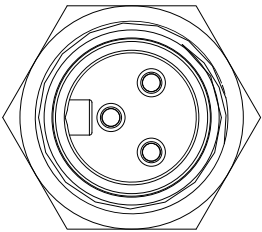
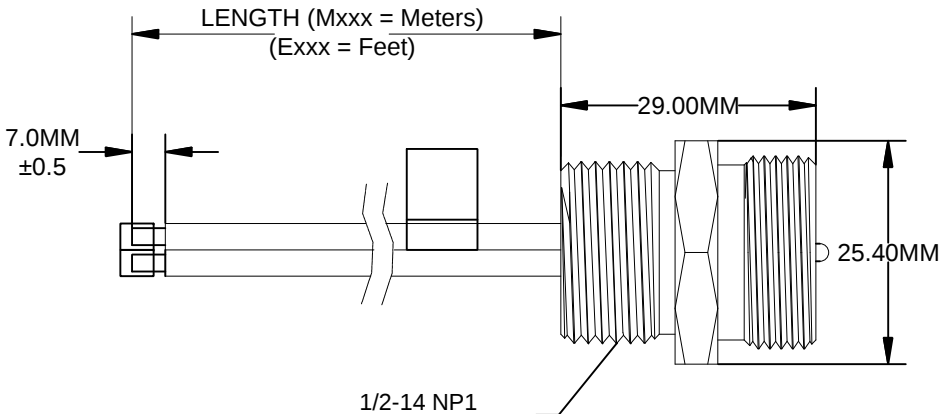
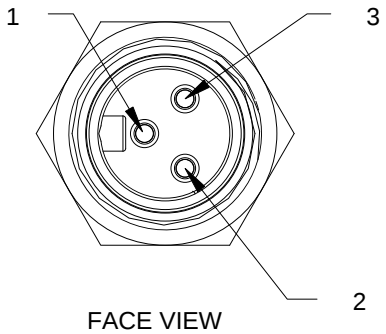
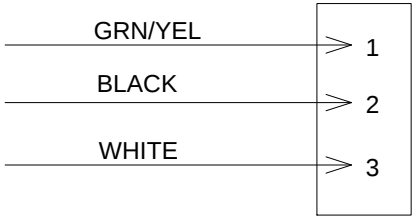


REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	07 OCT 15	JLAG	-	-



WIRING DIAGRAM



FACE VIEW

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:

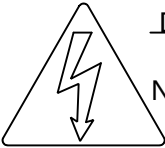
CURRENT (MAX): 13A
VOLTAGE (MAX): 600V AC/DC
INSULATION RESISTANCE (MIN): 5000M OHMS
DIELECTRIC TEST VOLTAGE: 2200V

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



Risk of Electrical Shock
Do Not Disconnect Under Load.
Risque de chocs electriques
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"

	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 Fractions ±1/64 Angles ±1° 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:		Amphenol Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:		MINIBOSS M22 (7/8"), 3 PIN, MALE RECEPTACLE, EXTERNAL THREADS, 16 AWG. UL1015, PVC WIRE			
NEXT ASSY:		SIZE	TYPE	DWG NO:	REVISION
			C-	MN31PW02M	A1
		SCALE:	HALF	C-MN31PW02M	SHEET 1 OF 1

FILE: 3 PIN MIN, MALE RECP, METERS
DWG NO: MN31PW02MXX
REV: B3
SH: 1
OF: 1