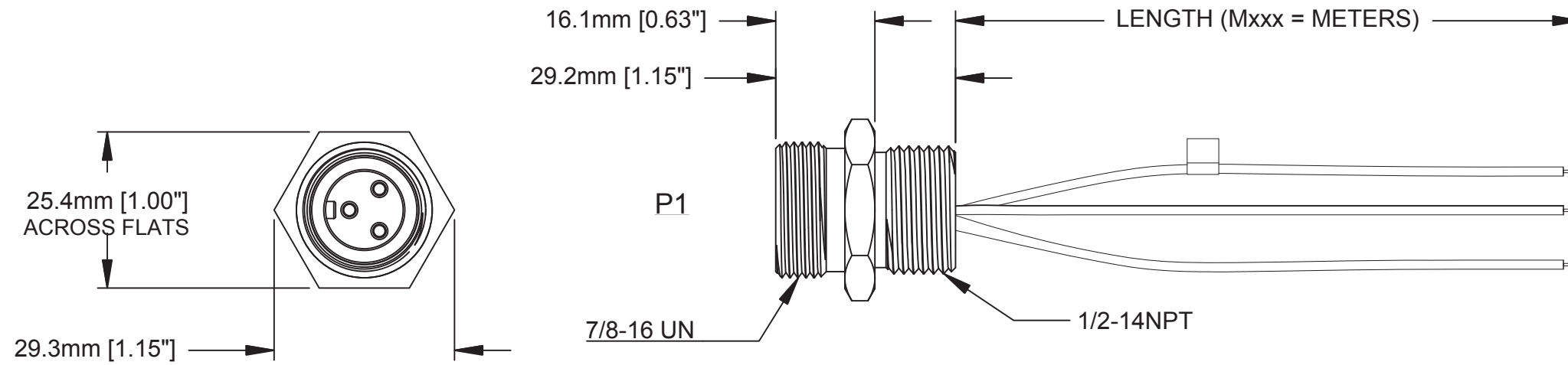
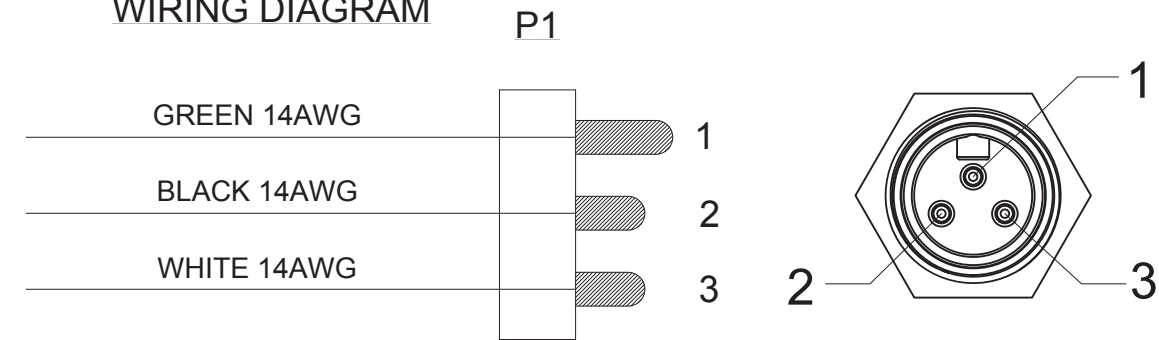


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



WIRING DIAGRAM



TECHNICAL DATA:

- 1) MATERIALS:
 HOUSING: MACHINED ALUMINUM, ANODIZED
 INSULATION INSERT: THERMOPLASTIC, UL 94/V-0
 CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
 CONDUCTOR INSULATION: PVC
 NUMBER OF CONDUCTORS: (3) 14AWG

- 2) ELECTRICAL DATA:
 CURRENT (MAX): 15A
 VOLTAGE (MAX): 600V AC/DC
 INSULATION RESISTANCE (MIN): 5000M OHMS
 DIELECTRIC TEST VOLTAGE: 2200V

- 3) MECHANICAL DATA:
 KNOCKOUT HOLE SIZE FOR PANEL MOUNT: 22.2mm [.88"]
 TEMPERATURE RANGE: -40°C TO 90°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

- 4) RoHS COMPLIANT
 5) UL 2237 LISTED ASSEMBLY
 UL FILE NUMBERS: E339703

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 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° 3) Note reference =		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 M22 PB LITE, 3 PIN, MALE RECEPTACLE DROP, 14 AWG, 1/2 - 14NPT	
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:		SCALE: FULL	
		DWG NO: P29038-Mxxx	
		REVISION: A1	
		SHEET 1 OF 1	

TITLE: M22 PB LITE, 3 PIN, MALE REC., 14AWG, 1/2-14NPT
 DWG NO: C-P29038-Mxxx
 REV: A1
 SH: 1
 OF: 1