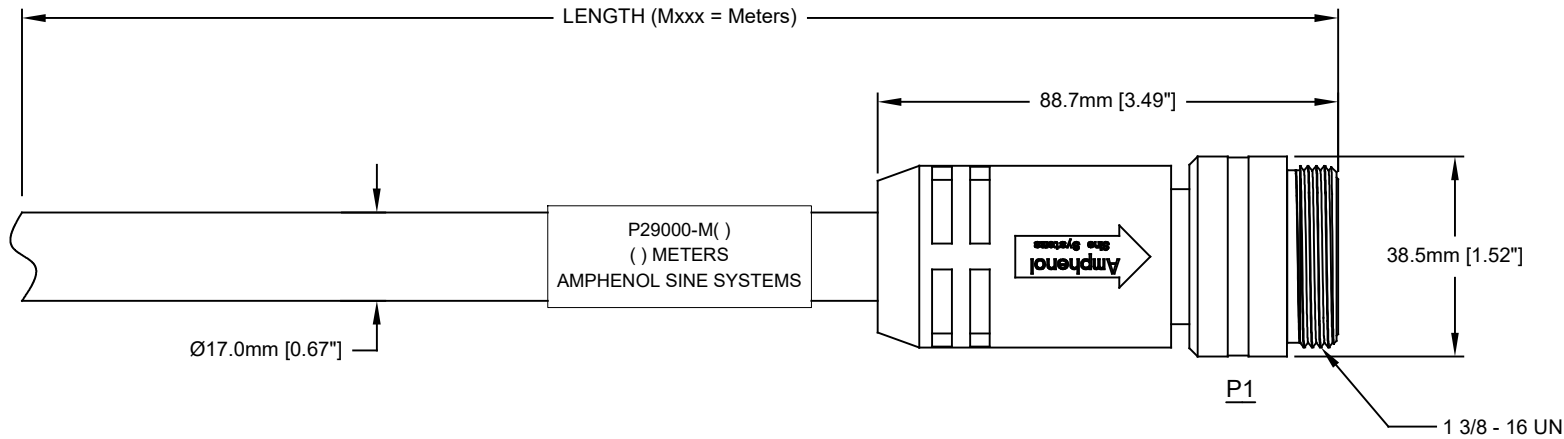
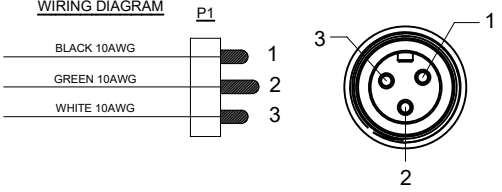


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



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
OVERMOLD MATERIAL: THERMOPLASTIC COLOR: BLACK
CABLE RATING: UL LISTED DUAL RATED TC-ER/STOOW, CSA TYPE STOOW, FT4 FLAME RATING, 600V, 90°C DRY & 75°C WET (TC-ER), 105°C (STOOW)
CABLE JACKET MATERIAL: PVC COLOR: BLACK
CONDUCTOR INSULATION: PVC
NUMBER OF CONDUCTORS: (3) 10AWG
- 2) ELECTRICAL DATA:
CURRENT (MAX): 32A
VOLTAGE (MAX): 600V AC/DC
INSULATION RESISTANCE (MIN): 5000M OHMS
DIELECTRIC TEST VOLTAGE: 2200V
SHORT CIRCUIT AMPERAGE RATING: 65kA - BREAKERS AND FUSES
- 3) MECHANICAL DATA:
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

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		SIGNATURES		DATE			
1) All dimensions are in metric(mm).		DRAWN: KMM		12-MAY-14			
2) Tolerances are as follows:		CHECKED: MRF		12-MAY-14			
1 PL DEC ±0.30		ENGINEER: KMM		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 M35 POWERBOSS LITE, 3 PIN, MALE-STR, 10 AWG, TC-ER/STOOW, PVC JACKET			
2 PL DEC ±0.15		APPROVAL: RFC				12-MAY-14	
3 PL DEC ±0.08		CUSTOMER:					
3) Note reference = 		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.		SIZE			
MATERIAL SPECIFICATIONS:		PROCESS SPECIFICATIONS:		TYPE			
				DWG NO:			
				C-			
				P29000-Mxxx			
				A1			
NEXT ASSY:		SCALE		FULL			
		C-P29000		SHEET 1 OF 1			