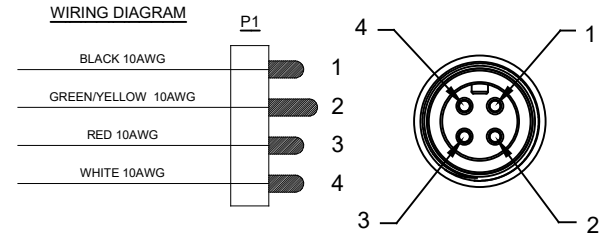
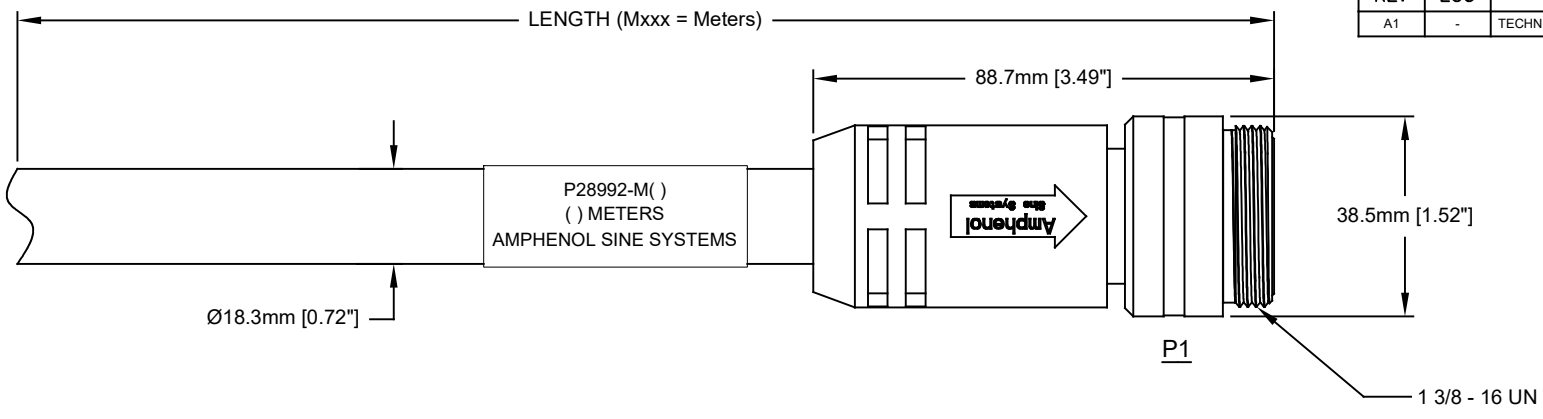


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



Amphenol P/N	ROCKWELL P/N	MOLEX	TURCK
P28992-M*	280-PWRM35G-M*	C04006A48M*	GSDA40-*M
P28992-M1	280-PWRM35G-M010	C04006A48M010	GSDA40-010M
P28992-M2	280-PWRM35G-M020	C04006A48M020	GSDA40-020M
P28992-M3	280-PWRM35G-M030	C04006A48M030	GSDA40-030M
P28992-M5	280-PWRM35G-M050	C04006A48M050	GSDA40-050M
P28992-M10	280-PWRM35G-M100	C04006A48M100	GSDA40-100M

TECHNICAL DATA:

- 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: (4) 10AWG
- ELECTRICAL DATA:**
 CURRENT (MAX): 25A
 VOLTAGE (MAX): 600V AC/DC
 INSULATION RESISTANCE (MIN): 5000M OHMS
 DIELECTRIC TEST VOLTAGE: 2200V
 SHORT CIRCUIT AMPERAGE RATING: 65kA - BREAKERS AND FUSES
- 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
- RoHS COMPLIANT
- 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"

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
<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 =		SIGNATURES DATE DRAWN: KMM 12-MAY-14 CHECKED: MRF 12-MAY-14 ENGINEER: KMM APPROVAL: RFC 12-MAY-14 CUSTOMER:	
MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS:		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 M35 POWERBOSS LITE, 4 PIN, MALE-STR, 10 AWG, TC-ER/STOOW, PVC JACKET	
<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.</small>		SIZE: C- SCALE: FULL	DWG NO: P28992-Mxxx REVISION: A1
<small>NEXT ASSY:</small>		SHEET 1 OF 1	C-P28992

THRU 35 PB LITE, 4 PIN, M-STR, 10AWG, TC-ER/STOOW, PVC JACKET NO. C-P28992-Mxxx
 REV: A1
 SR: 1
 OF: 1