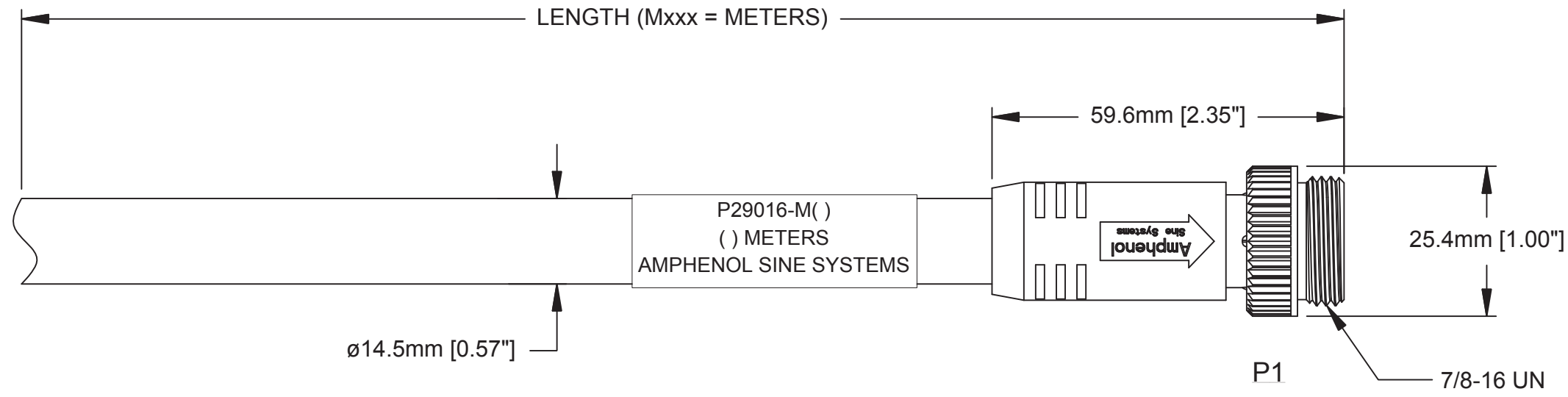


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



TECHNICAL DATA:

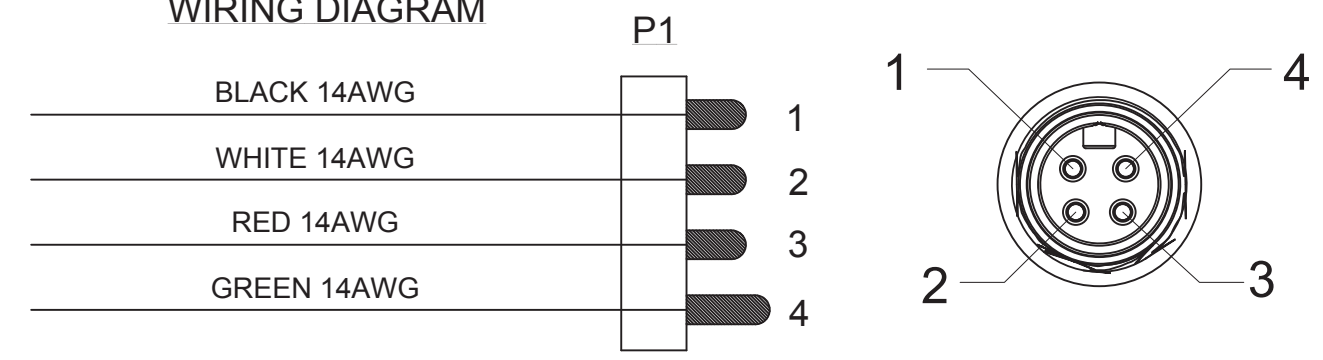
- 1) MATERIALS:
- COUPLING NUT: MACHINED ALUMINUM, ANODIZED
  - INSULATION INSERT: THERMOPLASTIC, UL 94/V-0
  - CONTACT: GOLD FLASH PLATING OVER COPPER ALLOY
  - OVERMOLD MATERIAL: THERMOPLASTIC COLOR: BLACK
  - CABLE RATING: UL LISTED DUAL RATED TC-ER/STOOW, CSA TYPE STOOW, FT4 FLAME RATING, 600V, 90°C DRY & 75°C WET (TC-ER), 105°C (STOOW)
  - CABLE JACKET MATERIAL: PVC COLOR: BLACK
  - CONDUCTOR INSULATION: PVC
  - NUMBER OF CONDUCTORS: (4) 14AWG

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

- 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

WIRING DIAGRAM



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														
<b>MATERIALS LIST</b>																	
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 =		<table border="1"> <thead> <tr> <th>SIGNATURES</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN: KMM</td> <td>12-MAY-14</td> </tr> <tr> <td>CHECKED: MRF</td> <td>12-MAY-14</td> </tr> <tr> <td>ENGINEER: KMM</td> <td></td> </tr> <tr> <td>APPROVAL: RFC</td> <td>12-MAY-14</td> </tr> <tr> <td>CUSTOMER:</td> <td></td> </tr> </tbody> </table>		SIGNATURES	DATE	DRAWN: KMM	12-MAY-14	CHECKED: MRF	12-MAY-14	ENGINEER: KMM		APPROVAL: RFC	12-MAY-14	CUSTOMER:			
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CUSTOMER:																	
MATERIAL SPECIFICATIONS:		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036															
PROCESS SPECIFICATIONS:		M22 POWERBOSS LITE, 4 PIN, MALE-STR, 14 AWG, TC-ER/STOOW, PVC JACKET															
NEXT ASSY:		<table border="1"> <tr> <td>SIZE</td> <td>TYPE</td> <td>DWG NO:</td> <td>REVISION</td> </tr> <tr> <td></td> <td>C-</td> <td>P29016-Mxxx</td> <td>A1</td> </tr> </table>	SIZE	TYPE	DWG NO:	REVISION		C-	P29016-Mxxx	A1	<table border="1"> <tr> <td>SCALE:</td> <td>SHEET</td> <td>OF</td> </tr> <tr> <td>FULL</td> <td>1</td> <td>1</td> </tr> </table>	SCALE:	SHEET	OF	FULL	1	1
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SCALE:	SHEET	OF															
FULL	1	1															

TITLE: M22 PB LITE, 4 PIN, M/F, 14AWG, TC-ER/STOOW, PVC  
DWG NO: C-P29008-Mxxx  
REV: A1  
SH: 1  
OF: 1