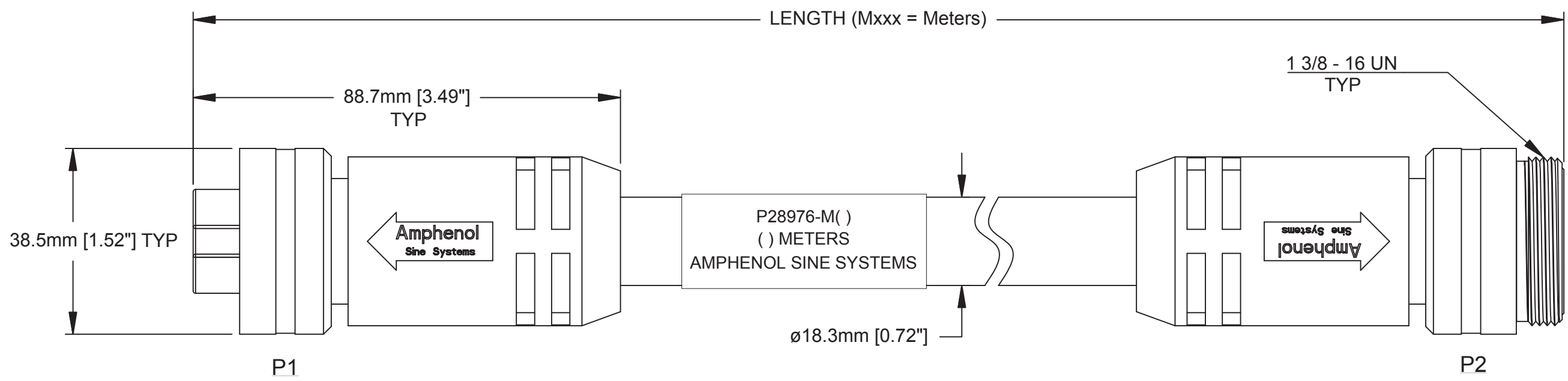


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



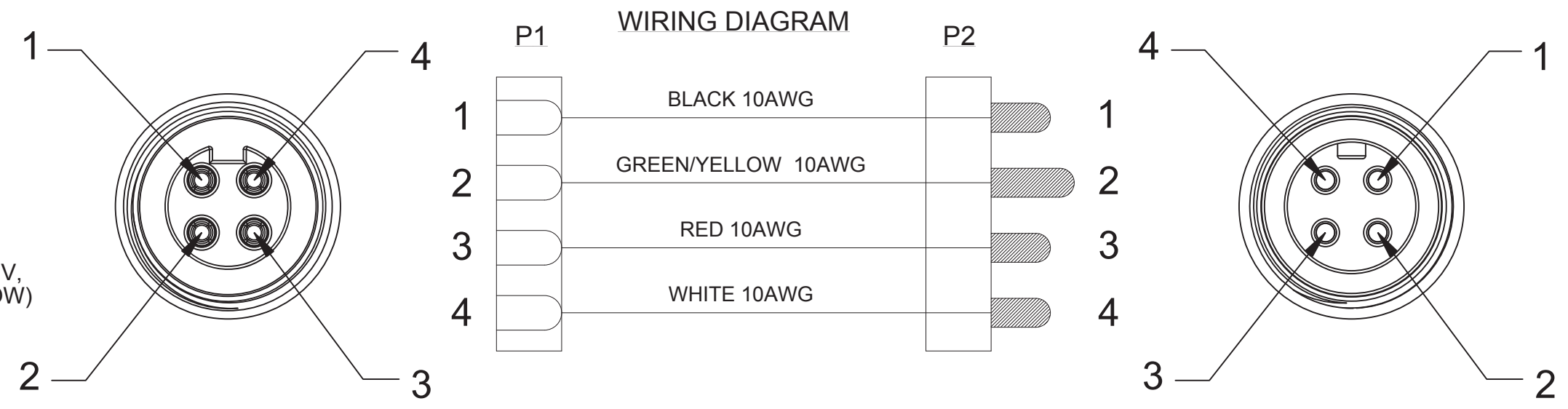
TECHNICAL DATA:

- 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




 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		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 Fractions ±1/64		ENGINEER: KMM									
2 PL DEC ±0.15 Angles ±1°		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.									
MATERIAL SPECIFICATIONS:		<div style="text-align: center;">  Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 </div>									
PROCESS SPECIFICATIONS:		<div style="text-align: center;"> M35 POWERBOSS LITE, 4 PIN, M/F, 10 AWG, TC-ER/STOOW, PVC JACKET </div>									
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>P28976-Mxxx</td> <td>A1</td> </tr> </table>	SIZE	TYPE	DWG NO:	REVISION		C-	P28976-Mxxx	A1	
SIZE	TYPE	DWG NO:	REVISION								
	C-	P28976-Mxxx	A1								
		SCALE: FULL	C-P28976 SHEET 1 OF 1								

TITLE: M35 PB LITE, 4 PIN, M/F, 10AWG, TC-ER/STOOW, PVC
 DWG NO: C-P28976-Mxxx
 REV: A1
 SH: 1
 OF: 1