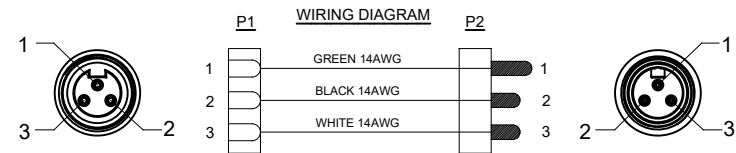
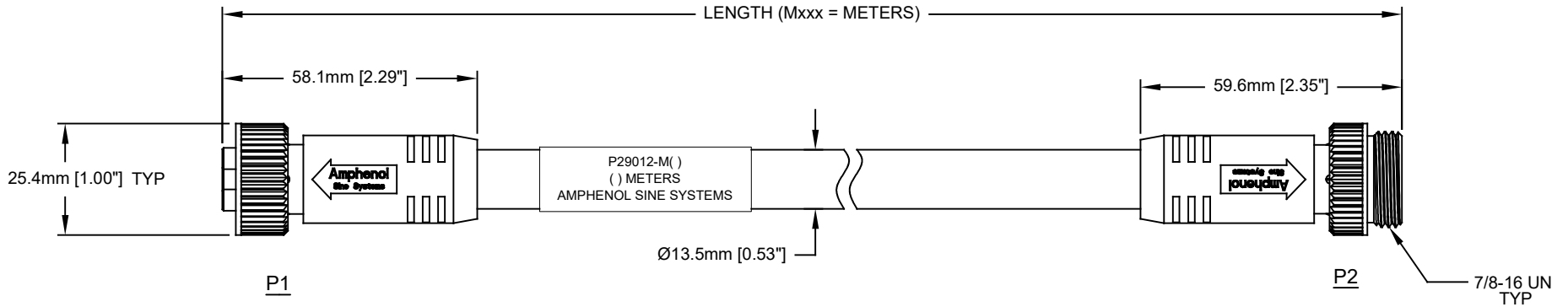


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	TECHNICAL DATA SHEET RELEASE	12-MAY-14	KMM	RFC



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: (3) 14AWG

- 2) ELECTRICAL DATA:
CURRENT (MAX): UL2238 23.5A
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) ALSO 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	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 M22 POWERBOSS LITE, 3 PIN, M/F, 14 AWG, TC-ER/STOOW, PVC JACKET
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		DRAWN: KMM		12-MAY-14	
Fractions ±1/64 Angles ±1°		CHECKED: MRF		12-MAY-14	
3) Note reference = 		ENGINEER: KMM		12-MAY-14	
MATERIAL SPECIFICATIONS:		APPROVAL: RFC		12-MAY-14	
PROCESS SPECIFICATIONS:		CUSTOMER:			
NEXT ASSY:		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		TYPE	DWG NO:		REVISION
		C-	P29012-Mxxx		A1
SCALE		FULL	C-P29012		SHEET 1 OF 1