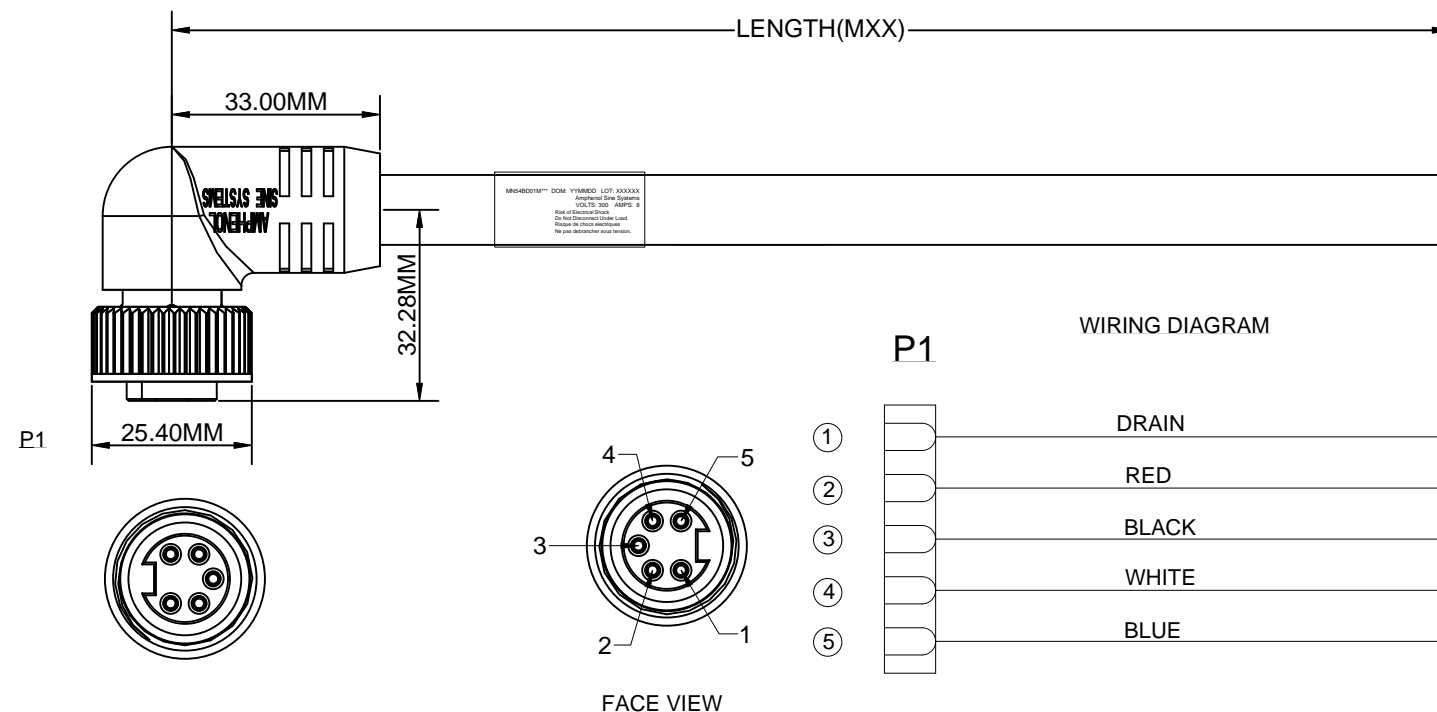


REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	30 OCT 15	JLAG	- -



TECHNICAL DATA:

1) MATERIALS:

COUPLING NUT: MACHINED ALUMINUM, ANODIZED  
 CONTACT: GOLD FLASH OVER COPPER ALLOY  
 OVERMOLD MATERIAL: THERMOPLASTIC COLOR: GRAY  
 CABLE RATING: UL TYPE CL2 OR PLTC, CSA AWM I/II A/B, FT4 FLAME RATING, 300V, 80°C,  
 CABLE JACKET MATERIAL: PVC COLOR: GRAY  
 CONDUCTOR INSULATION: PVC  
 NUMBER OF CONDUCTORS: (2)15AWG (2)18AWG

2) ELECTRICAL DATA:

VOLTAGE (MAX): 300V AC/DC  
 INSULATION RESISTANCE (MIN): 5000M OHMS  
 DIELECTRIC TEST VOLTAGE: 2200V

3) MECHANICAL DATA:

TEMPERATURE RANGE: -20°C TO +105°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 2238 LISTED ASSEMBLY  
 UL FILE NUMBERS: E224856

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		<b>Amphenol</b>	
1) All dimensions are in metric(mm).		Sine Systems - www.sineco.com	
2) Tolerances are as follows:		44724 Morley Drive	
1 PL DEC ±0.30		Clinton Township, MI 48036	
2 PL DEC ±0.15			
3 PL DEC ±0.08			
3) Note reference =			
MATERIAL SPECIFICATIONS:		CUSTOMER:	
PROCESS SPECIFICATIONS:		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.	
NEXT ASSY:		SCALE: HALF	
		DWG NO: <b>MN54BD01M</b>	
		REVISION: <b>A1</b>	
		SHEET 1 OF 1	

TITLE: MINIBOSS M22 (7/8"), 5 PIN, FEMALE, 90 DEGREE, DEVICENET THICK, PVC JACKET  
 DATE: 12-MAY-14  
 SHEET: 1 OF 1