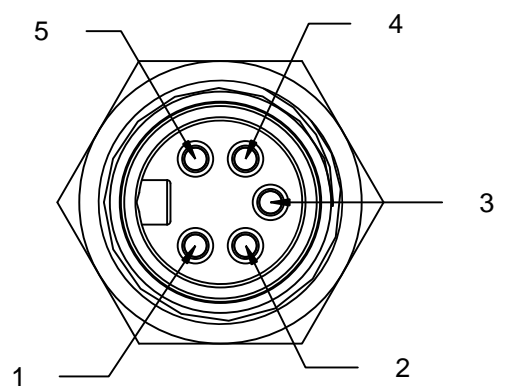
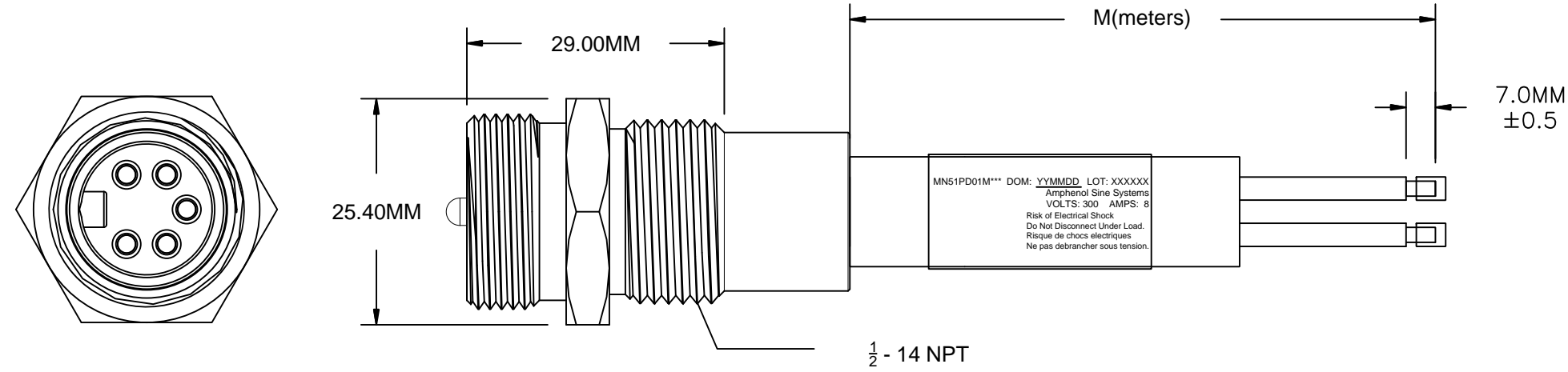
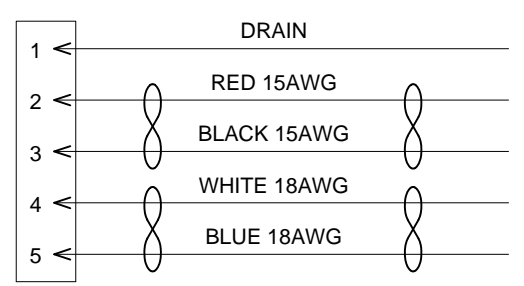


REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	04-NOV-15	JLAG	-



FACE VIEW

**WIRING DIAGRAM**



**TECHNICAL DATA:**

- MATERIALS:**  
 COUPLING NUT: MACHINED ALUMINUM, ANODIZED  
 CONTACT: GOLD FLASH OVER COPPER ALLOY  
 CABLE RATING: UL STYLE 1061, CSA TYPE SR-PVC , VW-1 FLAME TEST, 300V, 80°C,  
 CONDUCTOR INSULATION: PVC  
 NUMBER OF CONDUCTORS: (2)15AWG (2)18AWG
- ELECTRICAL DATA:**  
 VOLTAGE (MAX): 300V AC/DC  
 INSULATION RESISTANCE (MIN): 5000M OHMS  
 DIELECTRIC TEST VOLTAGE: 2200V
- 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
- RoHS COMPLIANT**
- UL 2238 LISTED ASSEMBLY**  
 UL FILE NUMBERS: E224856

TOLERANCE	
0-2.99 M =	+100.0/-25.0mm
3-8.99 M =	+150.0/-25.0mm
9-14.99 M =	+300.0/-25.0mm
15-OVER M =	+450.0/-25.0mm

Risk of Electrical Shock  
Do Not Disconnect Under Load.  
Risque de chocs électriques  
Ne pas debrancher sous tension.

**WARNING**

QUANTITY	PART NUMBER	DESCRIPTION	ITEM												
<b>MATERIALS LIST</b>															
UNLESS OTHERWISE SPECIFIED		<div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">Amphenol</div> <p style="font-size: 0.8em;">Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036</p> <p style="font-size: 1.2em; font-weight: bold;">MINIBOSS M22 (7/8"), 5 PIN, Male Receptacle External threads, DeviceNet Thick, PVC Jacket</p>													
SIGNATURES															
DATE															
DRAWN: KMM 12-MAY-14															
CHECKED: MRF 12-MAY-14		<table border="1" style="width: 100%; font-size: 0.8em;"> <tr> <td>SIZE</td> <td>TYPE</td> <td>DWG NO:</td> <td>REVISION</td> </tr> <tr> <td>C-</td> <td></td> <td>MN51PD01M</td> <td>A1</td> </tr> <tr> <td>SCALE: HALF</td> <td></td> <td>MN51PD01M</td> <td>SHEET 1 OF 1</td> </tr> </table>		SIZE	TYPE	DWG NO:	REVISION	C-		MN51PD01M	A1	SCALE: HALF		MN51PD01M	SHEET 1 OF 1
SIZE	TYPE			DWG NO:	REVISION										
C-				MN51PD01M	A1										
SCALE: HALF		MN51PD01M	SHEET 1 OF 1												
ENGINEER: KMM															
APPROVAL: RFC 12-MAY-14															
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:															

Title: MINIBOSS M22 (7/8"), 5 PIN, Male Receptacle, PVC  
 Date: 04-NOV-15  
 Sheet: 1 of 1