

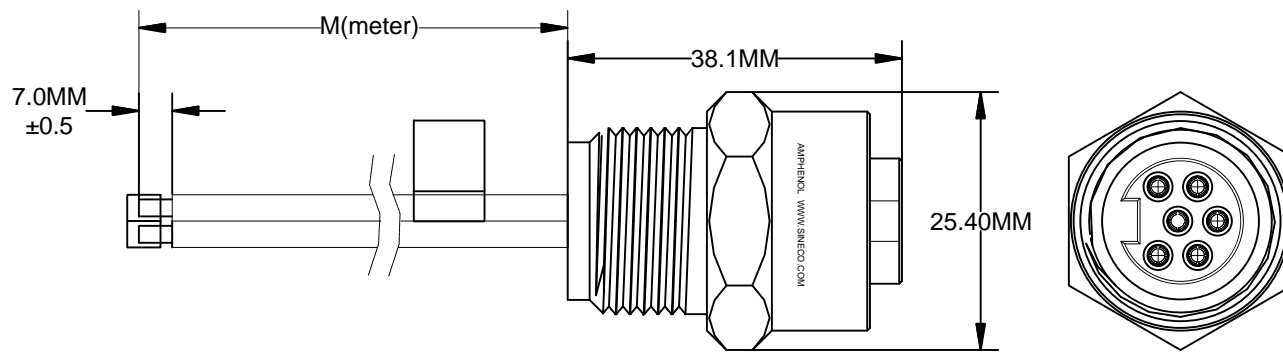
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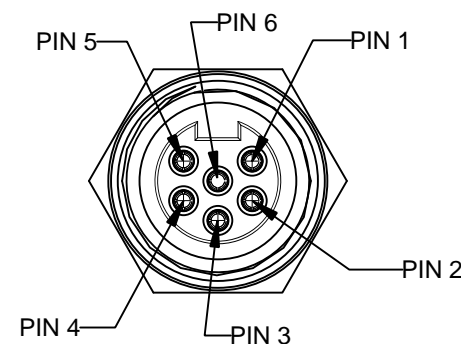
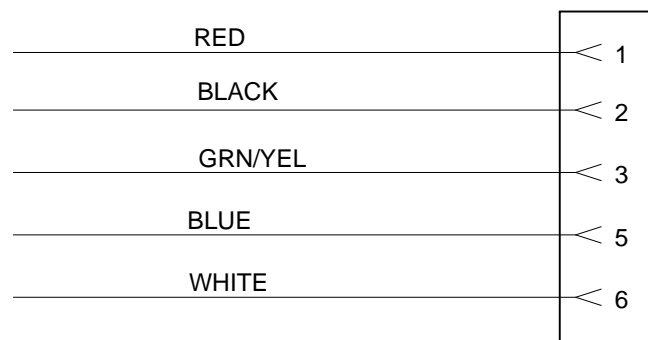
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REVISIONS						
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	10 NOV 15	JLAG	- -



WIRING DIAGRAM



FACE VIEW

TECHNICAL DATA:

- 1) MATERIALS:
 - COUPLING NUT: MACHINED ALUMINUM, ANODIZED
 - CONTACT: GOLD FLASH OVER COPPER ALLOY
 - CABLE RATING: UL LISTED TYPE 1015, CSA CERTIFIED TYPE TEW, FT1 FLAME RATING, 600V, 105°C
 - CONDUCTOR INSULATION: PVC
 - NUMBER OF CONDUCTORS: (5)16AWG
- 2) ELECTRICAL DATA:
 - CURRENT: 8A
 - VOLTAGE (MAX): 600V 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
3-8.99 M = +150.0/-25.0mm
9-14.99 M = +300.0/-25.0mm
15-OVER M = +450.0/-25.0mm

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED:		SIGNATURES	
1) All dimensions are in metric(mm).		DATE	
2) Tolerances are as follows:		DRAWN: KMM 12-MAY-14	
1 PL DEC ±0.30		CHECKED: MRF 12-MAY-14	
2 PL DEC ±0.15		ENGINEER: KMM	
3 PL DEC ±0.08		APPROVAL: RFC 12-MAY-14	
3) Note reference =		CUSTOMER:	
MATERIAL 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.	
PROCESS SPECIFICATIONS:		SCALE: HALF	
NEXT ASSY:		SHEET 1 OF 1	
		<div style="display: flex; justify-content: space-between;"> <div> <p style="font-size: 24pt; margin: 0;">Amphenol</p> <p style="margin: 0;">Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036</p> </div> <div> <p style="font-size: 18pt; margin: 0;">CONTROLPOWER M22 (7/8"), 5 PIN, FEMALE RECEPTACLE, INTERNAL THREADS, 16 AWG, UL1015, PVC WIRE</p> </div> </div>	
		<div style="display: flex; justify-content: space-between;"> <div> <p style="font-size: 18pt; margin: 0;">C-</p> </div> <div> <p style="font-size: 18pt; margin: 0;">MN654PW02</p> </div> <div> <p style="font-size: 18pt; margin: 0;">A1</p> </div> </div>	

TITLE: 6/5 PIN MINI FEMALE RECP, METERS
 DWG NO: MNS64PW02/XXXX
 REV: B3
 SH: 1
 OF: 1

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