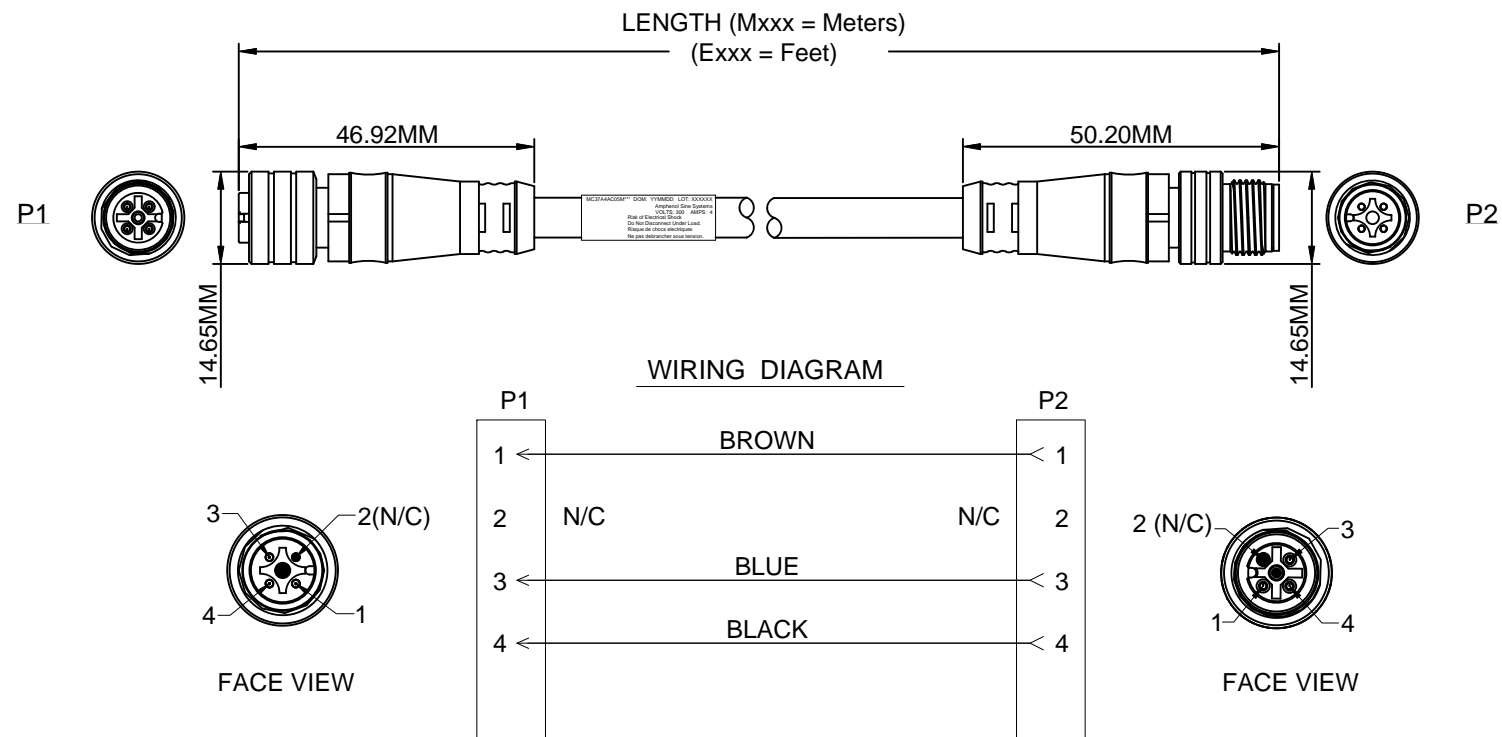


REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	27-OCT-15	JLAG	-	-



TECHNICAL DATA:

1) MATERIALS:

COUPLING NUT: MACHINED ALUMINUM, ANODIZED
 CONTACT: GOLD FLASH OVER COPPER ALLOY
 OVERMOLD MATERIAL: THERMOPLASTIC COLOR: YELLOW
 CABLE RATING: UL AWM STYLE 2661, CSA AWM I/II A/B, FT1 FLAME TEST, 300V, 105°C
 CABLE JACKET MATERIAL: PVC COLOR: YELLOW
 CONDUCTOR INSULATION: PVC
 NUMBER OF CONDUCTORS: (3) 22AWG

2) ELECTRICAL DATA:

CURRENT (MAX): 4A
 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
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		<p style="text-align: center;">Amphenol</p> <p>Sine Systems - www.sineco.com 44724 Morley Drive Clinton Township, MI 48036</p>	
1) All dimensions are in metric(mm).			
2) Tolerances are as follows:			
3) Note reference =			
SIGNATURES		DATE	
DRAWN: KMM		12-MAY-14	
CHECKED: MRF		12-MAY-14	
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:		CUSTOMER: MICROBOSS M12, 3 PIN, Male Inline, straight to Female, straight, 22 AWG, AWM STYLE 2661, PVC Jacket	
SIZE	TYPE	DWG NO:	REVISION
C-		MC37A4AC05M	A1
SCALE: HALF		MC37A4AC05M	SHEET 1 OF 1

TITLE: MICROBOSS M12, 3 PIN, Male Inline, straight to Female, straight, 22 AWG, AWM STYLE 2661, PVC Jacket
 DWG NO: MC37A4AC05M
 SHEET 1 OF 1