

8

7

6

5

4

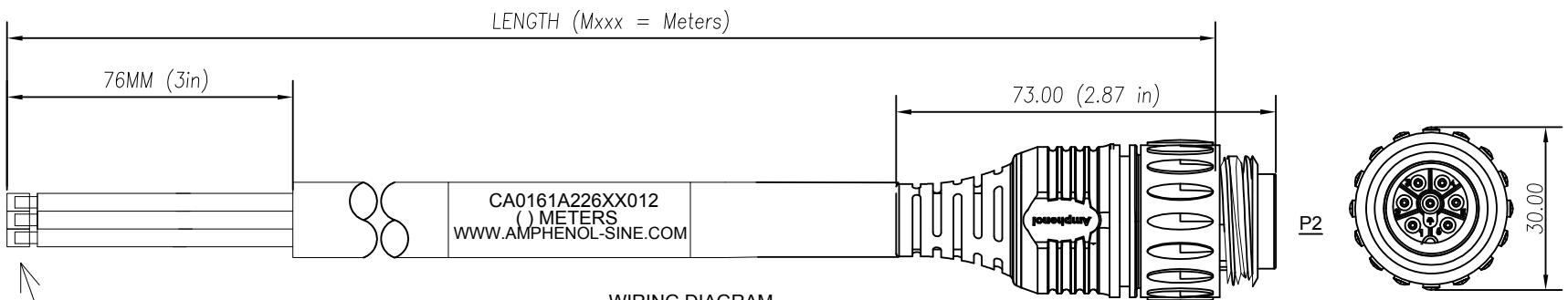
3

2

1

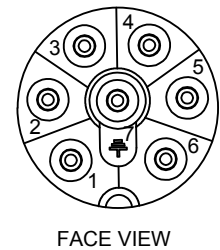
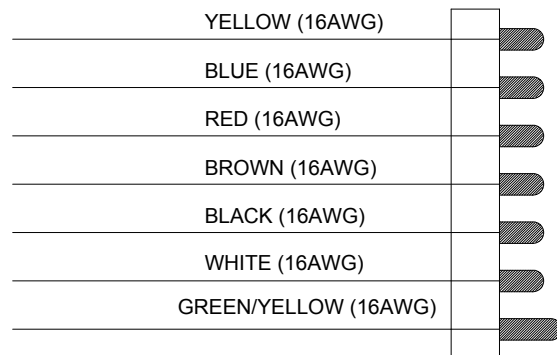
Part Number	Length (Meters)
CA0161A22601012	1 (3.28 FEET)
CA0161A22602012	2 (6.56 FEET)
CA0161A22603012	3 (9.84 FEET)
CA0161A22605012	5 (16.40 FEET)
CA0161A22607012	7 (22.96 FEET)
CA0161A22610012	10 (32.80 FEET)
CA0161A22613012	13 (42.65 FEET)
CA0161A22615012	15 (49.21 FEET)

REVISIONS							
REV	ZONE	ECO	DESCRIPTION	DATE	BY	CHK	APPR
A1	-	-	TECHNICAL DATA SHEET RELEASE	14-JULY-2017	RO	-	-



WIRES SEMI-STRIP  
AT 9.5MM (3/8")

P1 WIRING DIAGRAM P2



MALE CONNECTOR PLUG

TECHNICAL DATA:

1) MATERIALS:

- COUPLING NUT: NYLON PA 6.6
- INSULATION INSERT: NYLON PA 6.6, UL 94/V-0
- CONTACT: SILVER PLATED
- OVERMOLD MATERIAL: THERMOPLASTIC COLOR: BLACK
- CABLE RATING: UL LISTED: TC-ER PER UL 1277, MTW PER UL 1063, WTTC PER UL 2277, SUMERSIBLE
- PUMP ATTRIBUTES LISTED: UL OIL RES I/II, 75°C WET; 90°C DRY, SUNLIGHT RESISTANT, DIRECT BURIAL, NFPA 79 2015
- CABLE JACKET MATERIAL: PVC COLOR: BLACK
- CONDUCTOR INSULATION: PVC
- NUMBER OF CONDUCTORS: (7) 16AWG

2) ELECTRICAL DATA:

- CURRENT (MAX): 13A
- VOLTAGE (MAX): 250V AC/DC
- INSULATION RESISTANCE (MIN): 100M OHMS
- RATED IMPULSE WITHSTAND VOLTAGE: 6000V

3) MECHANICAL DATA:

- TEMPERATURE RANGE: -40°C TO +100°C
- PROTECTION: IP68 (MATED CONDITION)
- MATING CYCLES: >500

4) RoHS COMPLIANT

Risk of Electrical Shock  
Do Not Disconnect Under Load.  
Risque de chocs electriques  
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>			
<p>UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30   Fractions ±1/64 2 PL DEC ±0.15   Angles ±1° 3 PL DEC ±0.08</p> <p>3) Note reference = </p>			
SIGNATURES		DATE	
DRAWN: KJM		12-MAY-14	
CHECKED: MRF		12-MAY-14	
ENGINEER: KJM			
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:		SCALE: HALF	
		SIZE: TYPE: DWG NO. REVISION	
		C- CA0161A226XX012 A1	
		SCALE: HALF CA0161A226XX012 SHEET 1 OF 1	

**Amphenol**

Sine Systems - www.sineco.com  
44724 Morley Drive  
Clinton Township, MI 48036

ECOMATE 7 POS CIRCULAR MOLDED, STD,  
STRAIN RELIEF, MALE TO LEADS, 16AWG

TITLE: WIRE SEMI-STRIP STRIP  
DWG NO: MNC016101012  
REV: C1  
SHEET 1 OF 1

# Mouser Electronics

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