

PART NO	ENGINEERING NO.	FINISHED LENGTH
1300102117	113130K13M005	0.5M [1FT 7 IN]
1300102099	113130K13M300	30M [98FT 5 IN]
1300102225	113130K13M750	75M [246FT 1 IN]

CABLE LENGTH TOLERANCES

<.3M [1FT]: +19mm-0 [+ .75in-0]

.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]

.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]

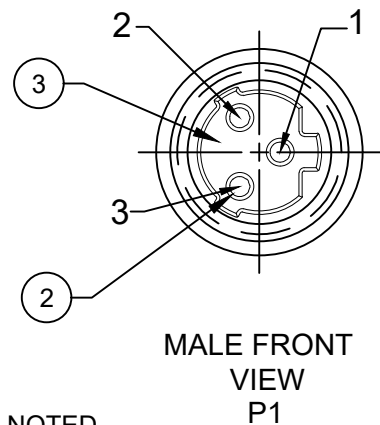
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]

7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]

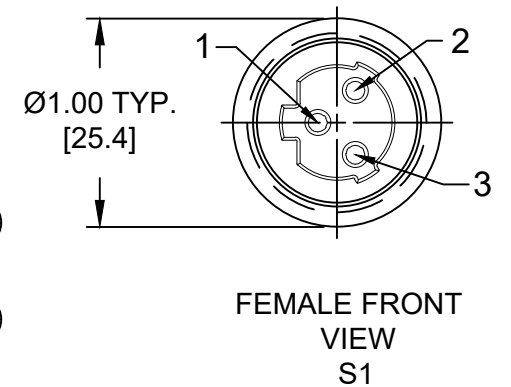
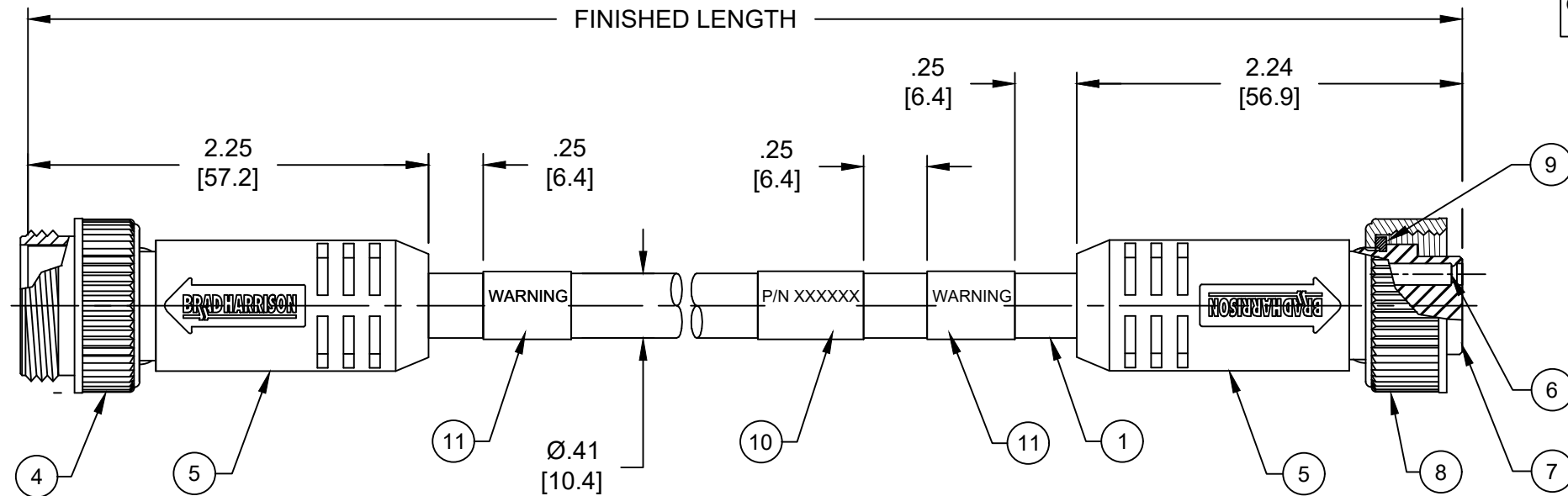
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]

OVER 30M [100FT] +2% OF FINISHED LENGTH



NOTES:

- P1
1. MATERIAL: AS NOTED
 2. FINISH: AS NOTED
 3. ELECTRICAL:
VOLTAGE: 500V PER IEC60664
600V PER UL2237
CURRENT: 13A
 4. TEMP RATING: -20°TO +90°C
 5. PROTECTION: IP67 (WHEN MATED)
 6. COUPLING THREAD: 7/8-16UN
 7. UL LISTED FILE: E258922
 8. ALL DIMENSIONS ARE FOR REFERENCE
UNLESS TOLERANCED OR NOTED OTHERWISE



WIRING DIAGRAM

P1		S1
1	GREEN/YELLOW	1
2	BLACK	2
3	WHITE	3

PART NO. LEGEND
113130K13M010

FINISHED LENGTH
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER

11	WARNING LABEL	VINYL	BLACK/ORANGE
10	WRAP LABEL	VINYL	BLACK/YELLOW
9	FRICTION RING	NYLON	WHITE
8	FEMALE COUPLING NUT	ZINC DIE-CAST	BLACK E-COAT
7	3P FEMALE INSERT	TPE	BLACK
6	CONTACT SOCKET	COPPER ALLOY	GOLD PLATED
5	OVER MOLD	TPE	BLACK
4	MALE COUPLING NUT	ZINC DIE-CAST	BLACK E-COAT
3	3P MALE INSERT	TPE	BLACK
2	CONTACT PIN	COPPER ALLOY	GOLD PLATED
1	CABLE 16/3 (HI FLEX)	TPE JACKET	YELLOW
ITEM	DESCRIPTION	MATERIAL	FINISH

CABLE FLEX CHARACTERISTICS:	
TORSIONAL FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
BEND FLEX TEST	20 MILLION CYCLES PER MIL-C-13777G
WELD SLAG RESISTANCE	WOODHEAD STANDARD S-300

FUNCTIONAL SYMBOLS		DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM 9 DESCRIPTION O-RING CHANGED TO FRICTION RING, UPDATE BORDER		molex				
	INCH/MM		1:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)						BRAD POWER A-SIZE 3 POLE, MALE-FEMALE, STRAIGHT TRI-KEY, 16 AWG, TPE HI-FLEX				
		mm	INCH								
	4 PLACES	±----	±----								
	3 PLACES	±----	±----		PRODUCT CUSTOMER DRAWING						
	2 PLACES	±----	±----								
	1 PLACE	±----	±----								
0 PLACES	±----	±----		DOCUMENT NUMBER		DOC TYPE		DOC PART	REVISION		
ANGULAR TOL ± ---- °		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				B-SIZE	130010	SD-130010-037		GENERAL MARKET	1 OF 1		