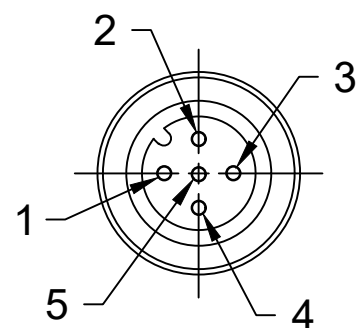
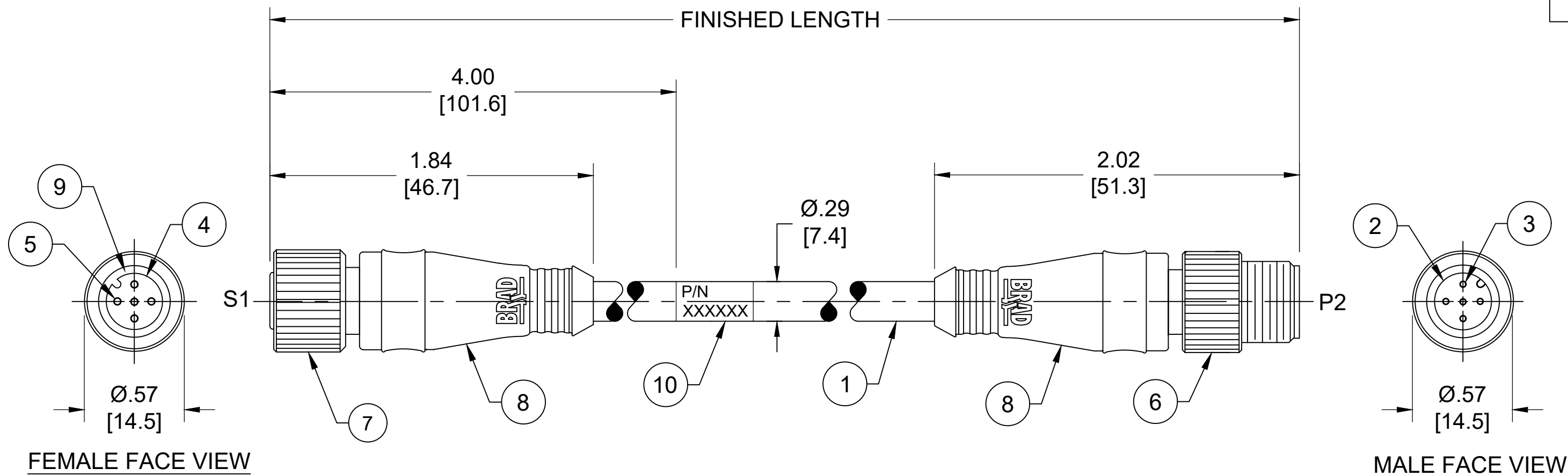
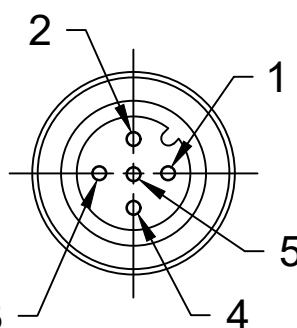


FEMALE FACE VIEW



MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300280050	DND22A-M200	20M [65FT 7 IN]
1300280055	DND22A-M400	40M [131FT 3 IN]

MALE FACE VIEW



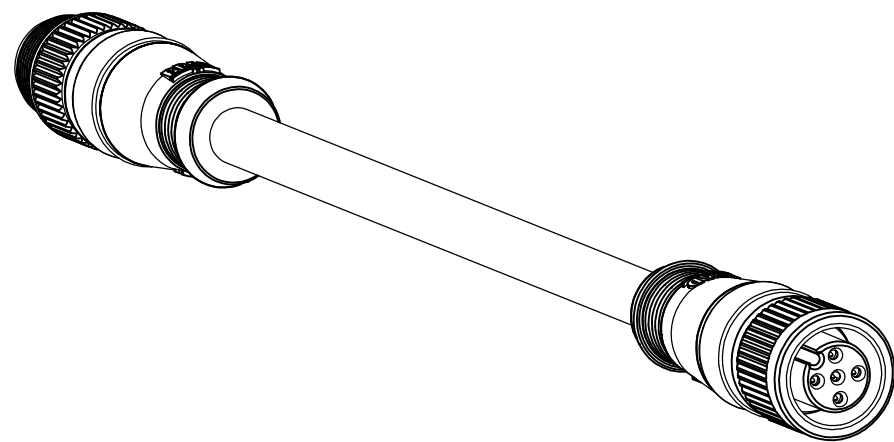
NOTES:

1. MATERIAL: AS NOTED
2. FINISH: AS NOTED
3. ELECTRICAL:
- VOLTAGE : 60V AC/DC
- CURRENT: 4A
4. TEMP RATING: -20° TO +80°C
5. PROTECTION: IP67 (WHEN MATED)
6. COUPLING THREAD: M12X1
7. UL LISTED FILE: E152210
- CSA CERTIFIED FILE: LR6837
8. ALL DIMENSIONS ARE FOR REFERENCE
- UNLESS TOLERACED OR NOTED OTHERWISE

PART NUMBER LEGEND

DND22A-M005

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

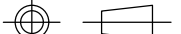


10	WRAP LABEL	VINYL	BLACK/YELLOW
9	O-RING	NITRILE	RED
8	OVERMOLD	TPC	GRAY
7	FEMALE COUPLING NUT	ZINC DIE CAST	BLACK E-COATED
6	MALE COUPLING NUT	ZINC DIE CAST	BLACK E-COATED
5	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
4	FEMALE INSERT	NYLON 6/6	BLACK
3	CONTACT PIN	COPPER ALLOY	GOLD OVER NICKEL
2	MALE INSERT	NYLON 6/6	BLACK
1	CABLE #22 AWG	PVC	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

<u>S1</u>		<u>P2</u>
1	DRAIN	1
V+ 2	RED	2 - V+
V- 3	BLACK	3 - V-
CAN_H 4	WHITE	4 - CAN_H
CAN_L 5	BLUE	5 - CAN_L

SCHEMATIC

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

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				
	DIMENSION UNITS		SCALE		CURRENT REV DESC: REMOVED OBSOLETE PART NUMBER AS PER PCN#514336.				molex												
	INCH/MM		NTS																		
	GENERAL TOLERANCES (UNLESS SPECIFIED)																				
		mm	INCH																		
	F A =0	4 PLACES		±----	±----	EC NO: 825582		DRWN: RAVINR1		2025/06/24		MICRO-CHANGE DEVICENET, M12, 5 POLE, MALE - FEMALE, STRAIGHT, SINGLE KEY, #22 AWG									
	F E =0	3 PLACES		±----	±----	CHK'D: GGA		2025/06/27													
	F B =0	2 PLACES		±----	±----	APPR: GGA		2025/06/27													
	DIVISIONAL SYMBOLS	1 PLACE		±----	±----	INITIAL REVISION:				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION			
		0 PLACES		±----	±----	DRWN: BWOODMAN														2009/03/13	
ANGULAR TOL		±	----	°	APPR: JFMURPHY				2009/03/31		SD-130028-001				PSD		001		F2		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION			DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER			SHEET NUMBER					
							C-SIZE		130028		SEE TABLE		GENERAL MARKET			1 OF 1					