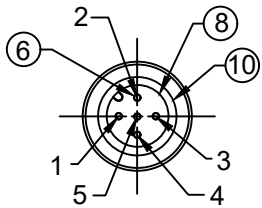
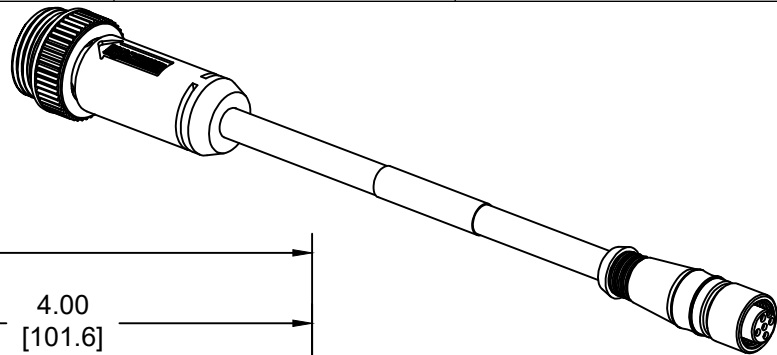


SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1300390155	DND21A-M005	0.5M [1FT 8 IN]
1300390169	DND21A-M100	10M [32FT 10 IN]
1300390170	DND21A-M200	20M [65FT 7 IN]



FEMALE FACE VIEW

NOTES:

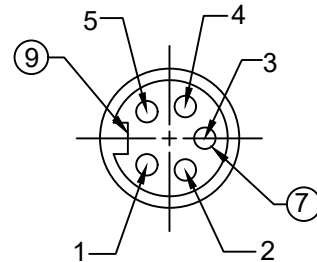
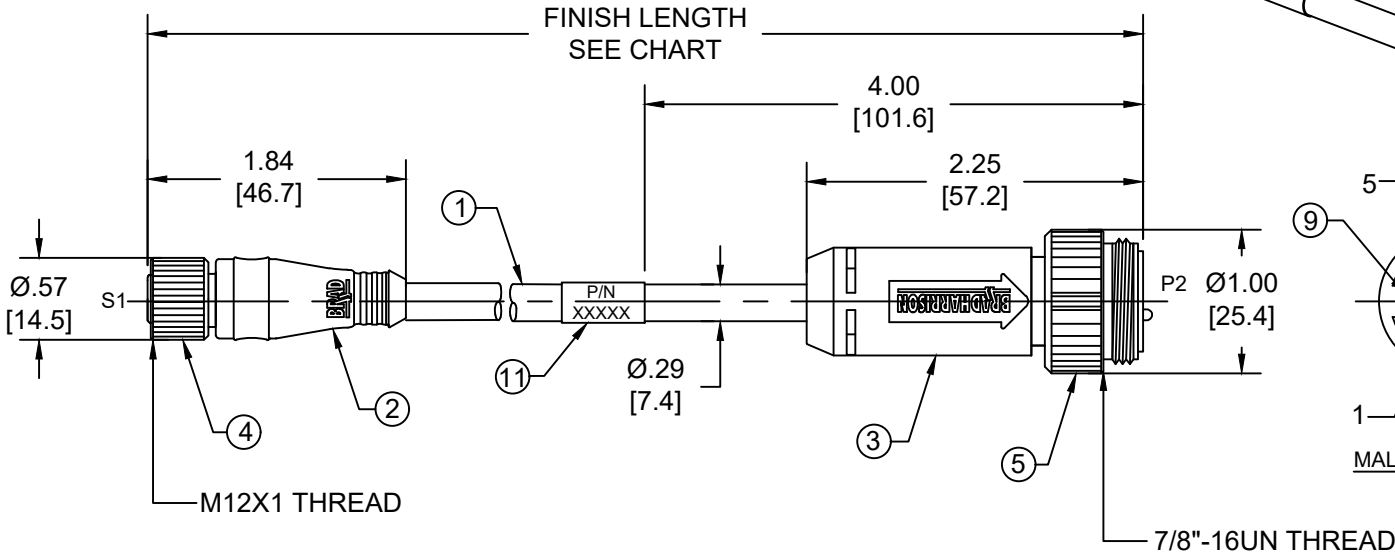
- MATERIAL: AS NOTED
- FINISH: AS NOTED
- ELECTRICAL:
VOLTAGE: 60V ^(E)
CURRENT: 4A
- TEMP RATING: -20°C TO +80°C
- PROTECTION: IP67 (WHEN MATED)
- UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
- ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

PART NUMBER LEGEND

DND21A-M150

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

11	WRAP LABEL	VINYL	YELLOW
10	O-RING	NITRILE	RED
9	INSERT(MINI)	TPE	BLACK
8	INSERT(MICRO)	NYLON	BLACK
7	PIN CONTACT	COPPER ALLOY	GOLD PLATED
6	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED
5	COUPLING NUT(MINI)	ZINC DIE-CAST	BLACK E-COAT
4	COUPLING NUT(MICRO)	ZINC DIE-CAST	BLACK E-COAT
3	OVERMOLD(MINI)	TPC	GRAY
2	OVERMOLD(MICRO)	TPC	GRAY
1	DEVICENET DROP CABLE	PVC JACKET	GRAY
ITEM	COMPONENT	MATERIAL	FINISH



MALE FACE VIEW

S1		P2
1	DRAIN	1
2	RED	2
3	BLACK	3
4	WHITE	4
5	BLUE	5

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

WIRING DIAGRAM

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: VOLTAGE CHANGED FROM 250V TO 60V. LABEL FINISH CHANGED FROM BLACK/YELLOW TO YELLOW. ITEM 6, 7 FINISH CHANGED TO GOLD PLATED				molex MINI-MICRO CHANGE DEVICENET, A-SIZE-M12, 5 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, 4/22 AWG						
	INCH/MM		NTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 796537				DRWN: ABENJAMINLW 2024/08/05 CHK'D: LESPINOZA 2024/08/27 APPR: BWOODMAN 2024/09/19						
	mm		INCH		INITIAL REVISION:										
	4 PLACES ±----		±----												
	3 PLACES ±----		±----		DRWN: TWOLDEGE 2010/01/11 APPR: JFMURPHY 2010/01/20										
	2 PLACES ±----		±----												
	1 PLACE ±----		±----		THIRD ANGLE PROJECTION										
0 PLACES ±----		±----													
ANGULAR TOL ± ---- °				DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				A-SIZE		130039		SEE CHART		GENERAL MARKET		1 OF 1			