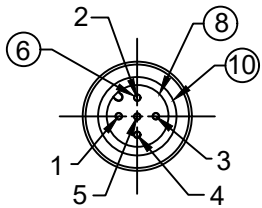
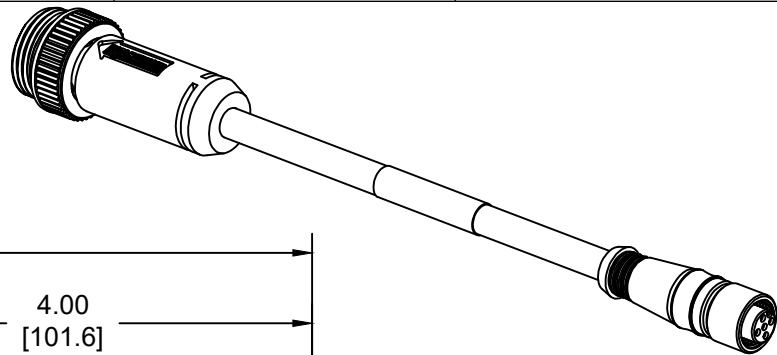


SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1300390155	DND21A-M005	0.5M [1FT 8 IN]
1300390169	DND21A-M100	10M [32FT 10 IN]
1300390170	DND21A-M200	20M [65FT 7 IN]



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

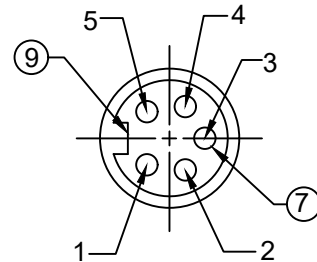
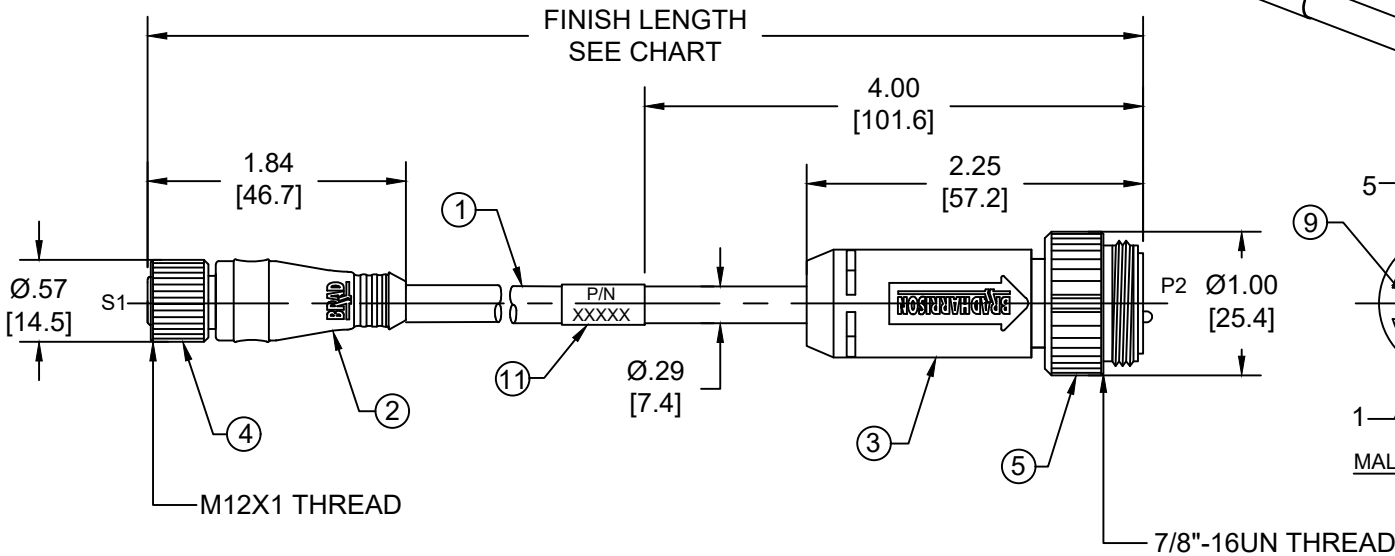
PART NUMBER LEGEND

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

DOCUMENT STATUS	P1	RELEASE DATE	2024/09/19	14:14:34
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MALE FACE VIEW

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

WIRING DIAGRAM

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: 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)																
		mm	INCH		EC NO: 796537				DRWN: ABENJAMINLW 2024/08/05								
	4 PLACES	±----	±----														
	3 PLACES	±----	±----		CHK'D: LESPINOZA 2024/08/27												
	2 PLACES	±----	±----														
	1 PLACE	±----	±----		APPR: BWOODMAN 2024/09/19												
	0 PLACES	±----	±----														
DIVISIONAL SYMBOLS	ANGULAR TOL ± ---- °		INITIAL REVISION:				DOCUMENT NUMBER SD-130039-020				DOC TYPE PSD		DOC PART 001		REVISION E		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																THIRD ANGLE PROJECTION

molex

MINI-MICRO CHANGE DEVICENET, A-SIZE-M12,
5 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY,
4/22 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130039-020	PSD	001	E