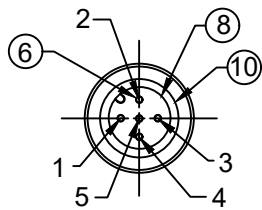
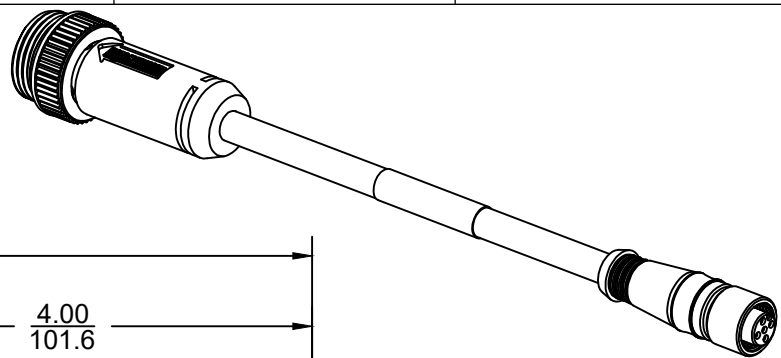
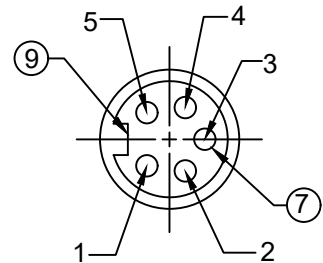
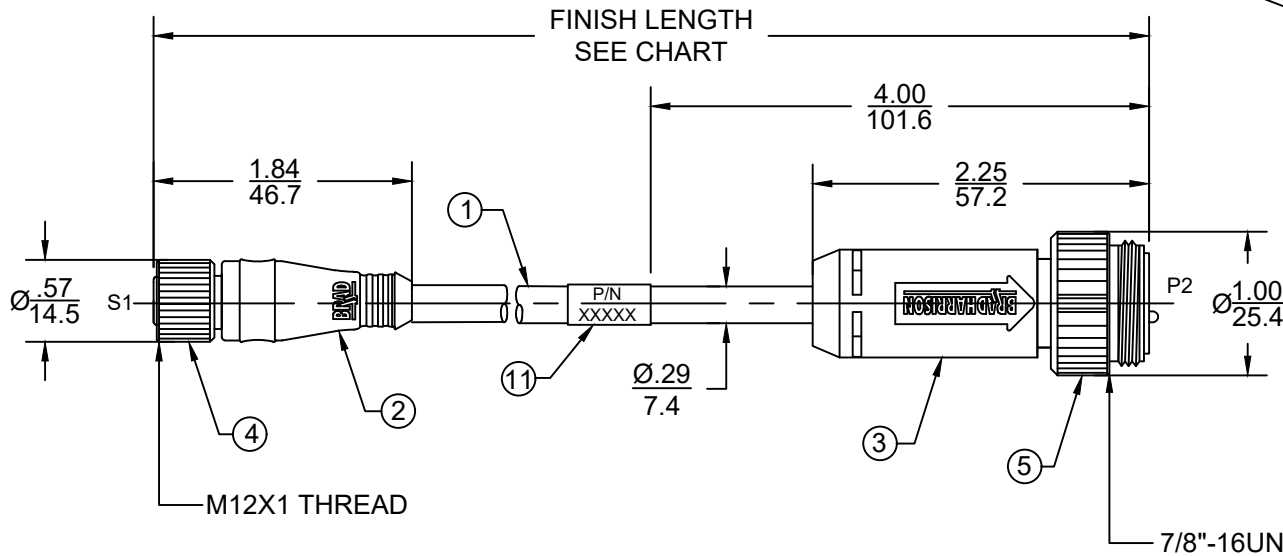


SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1300390155	DND21A-M005	0.5M [1FT 8 IN]
1300390169	DND21A-M100	10M [32FT 10 IN]
1300390170	DND21A-M200	20M [65FT 7 IN]



FEMALE FACE VIEW



MALE FACE VIEW

NOTES:

- MATERIAL: AS NOTED
- FINISH: AS NOTED
- ELECTRICAL:
VOLTAGE: 250V
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

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

11	WRAP LABEL	VINYL	BLACK/YELLOW
10	O-RING	NITRILE	RED
9	INSERT(MINI)	TPE	BLACK
8	INSERT(MICRO)	NYLON	BLACK
7	PIN CONTACT	COPPER ALLOY	GOLD OVER NICKEL
6	SOCKET CONTACT	COPPER ALLOY	GOLD OVER NICKEL
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	2022/09/09	18:08:06
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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
E A = 0 F A = 0 F D = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM-9 FINISH CHANGED FROM GRAY TO BLACK.ITEM-3 WAS TPE. ADDED ITEM-10. MODIFIED PN CHART				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)											
DIVISIONAL SYMBOLS			mm	INCH	EC NO: 720800 DRWN: ABENJAMINLW 2022/07/19 CHK'D: RSTONE 2022/09/09 APPR: BWOODMAN 2022/09/09 INITIAL REVISION: DRWN: TWOLDEGE 2010/01/11 APPR: JFMURPHY 2010/01/20				PRODUCT CUSTOMER DRAWING			
	4 PLACES	±----	±----									
	3 PLACES	±----	±----									
	2 PLACES	±----	±----									
	1 PLACE	±----	±----									
	0 PLACES	±----	±----	DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION		
	ANGULAR TOL ± ---- °				SD-130039-020				PSD	001	D	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
						A-SIZE	130039	SEE CHART		GENERAL MARKET		1 OF 1

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	D