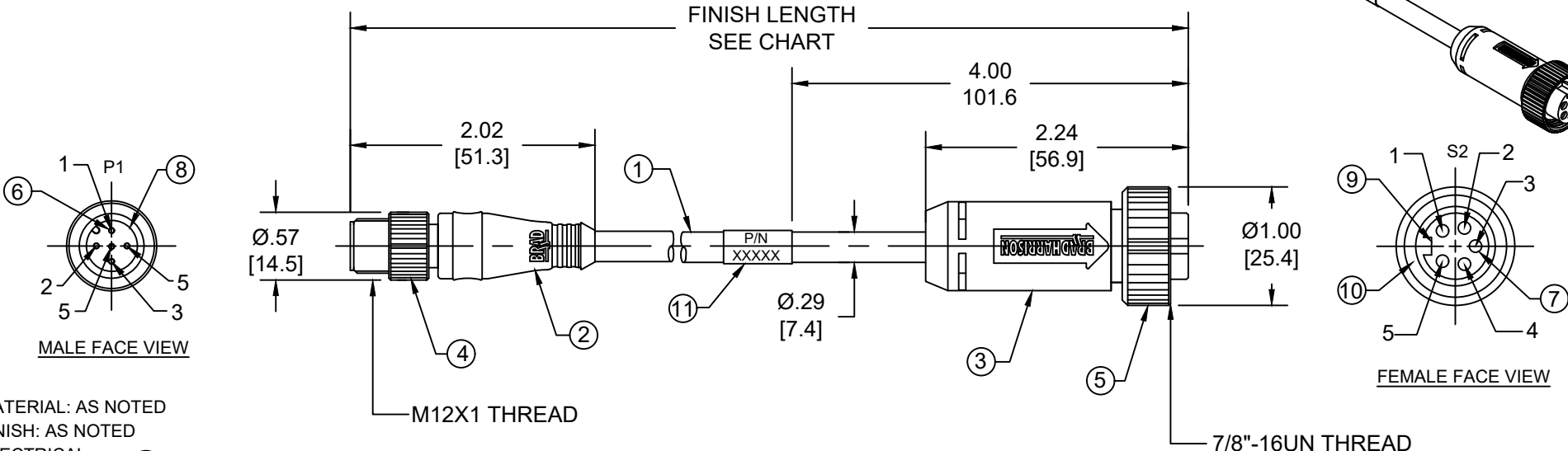
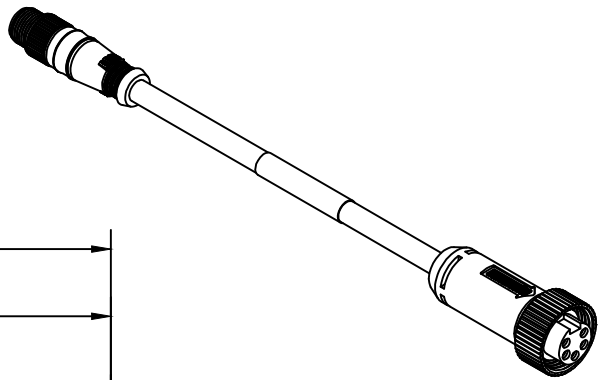


SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1300390144	DND12A-M005	0.5M [1FT 8 IN]
1300390147	DND12A-M030	3M [9FT 10 IN]
1300390150	DND12A-M060	6M [19FT 8 IN]



- NOTES:
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - ELECTRICAL:
VOLTAGE: 60V
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

DND12A-M005

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

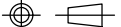
P1		S2	
1	DRAIN	1	
2	RED	2	
3	BLACK	3	
4	WHITE	4	
5	BLUE	5	

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	YELLOW
10	FRICTION RING	NYLON	WHITE
9	FEMALE INSERT(MINI)	TPE	BLACK
8	MALE INSERT(MICRO)	NYLON	BLACK
7	SOCKET CONTACT	COPPER ALLOY	GOLD PLATED
6	PIN 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	14:13:05
-----------------	----	--------------	------------	----------

FUNCTIONAL SYMBOLS	THIS 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: VOLTAGE CHNGD FROM 250V TO 60V. CONTACTS FINISH CHNGD FROM GOLD/NICKEL TO GOLD PLATED. LABEL FINISH CHNGD FROM BLACK/YELLOW TO YELLOW			molex MICRO-MINI CHANGE DEVICENET, M12-A-SIZE, 5 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, #22/4 AWG					
	INCH/MMNTS												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 796482 DRWN: ABENJAMINLW2024/07/17 CHK'D: LESPINOZA2024/08/27 APPR: BWOODMAN2024/09/19						PRODUCT CUSTOMER DRAWING		
		mm	INCH										
	4 PLACES	±----	±----										
	3 PLACES	±----	±----										
	2 PLACES	±----	±----										
	1 PLACE	±----	±----	INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	0 PLACES	±----	±----				SD-130039-018		PSD	001	C		
	ANGULAR TOL ± ---- °			APPR: JFMURPHY2010/01/20									
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			