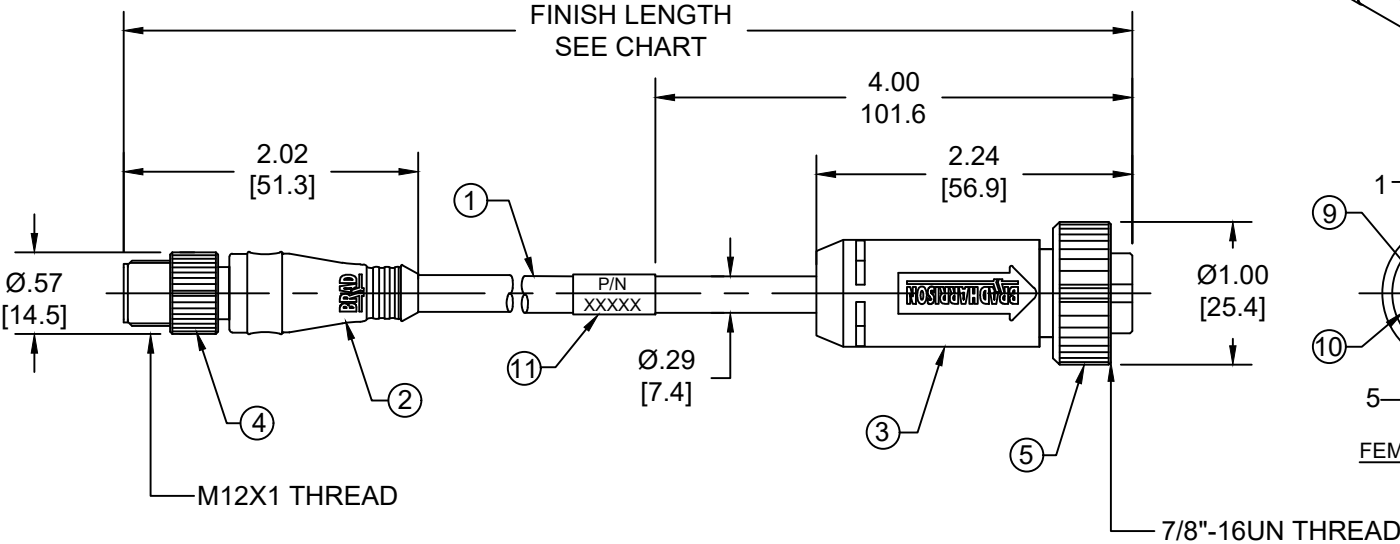
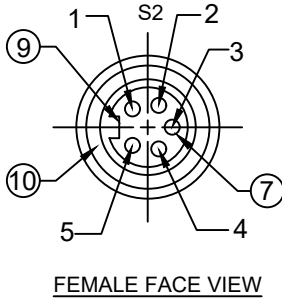
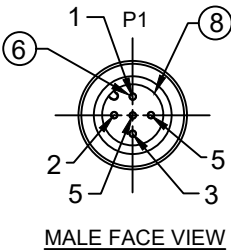
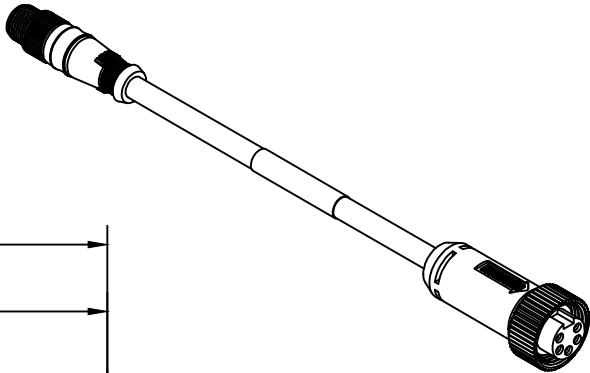


SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1300390147	DND12A-M030	3M [9FT 10 IN]
1300390150	DND12A-M060	6M [19FT 8 IN]



- 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

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

WIRING DIAGRAM

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 NUMBERS AS PER PCN#517292									
INCH/MM		NTS											
GENERAL TOLERANCES (UNLESS SPECIFIED)				molex MICRO-MINI CHANGE DEVICENET, M12-A-SIZE, 5 POLE, MALE-FEMALE, STRAIGHT, SINGLE KEY, #22/4 AWG									
		mm	INCH										
4 PLACES	±	----	±	EC NO: 838027		2025/09/17							
3 PLACES	±	----	±	DRWN: RAGHAH3									
2 PLACES	±	----	±	CHK'D: GGA									
1 PLACE	±	----	±	APPR: GGA		2025/10/30							
0 PLACES	±	----	±	INITIAL REVISION:		2010/01/11							
ANGULAR TOL ± °				DRWN: TWOLDEGE									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				APPR: JFMURPHY		2010/01/20							
THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
		A-SIZE		130039		SEE CHART		GENERAL MARKET		1 OF 1			
				PRODUCT CUSTOMER DRAWING									
				DOCUMENT NUMBER				DOC TYPE		DOC PART		REVISION	
				SD-130039-018				PSD		001		C1	

DOCUMENT STATUS	P1	RELEASE DATE	2025/10/30	11:18:20
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