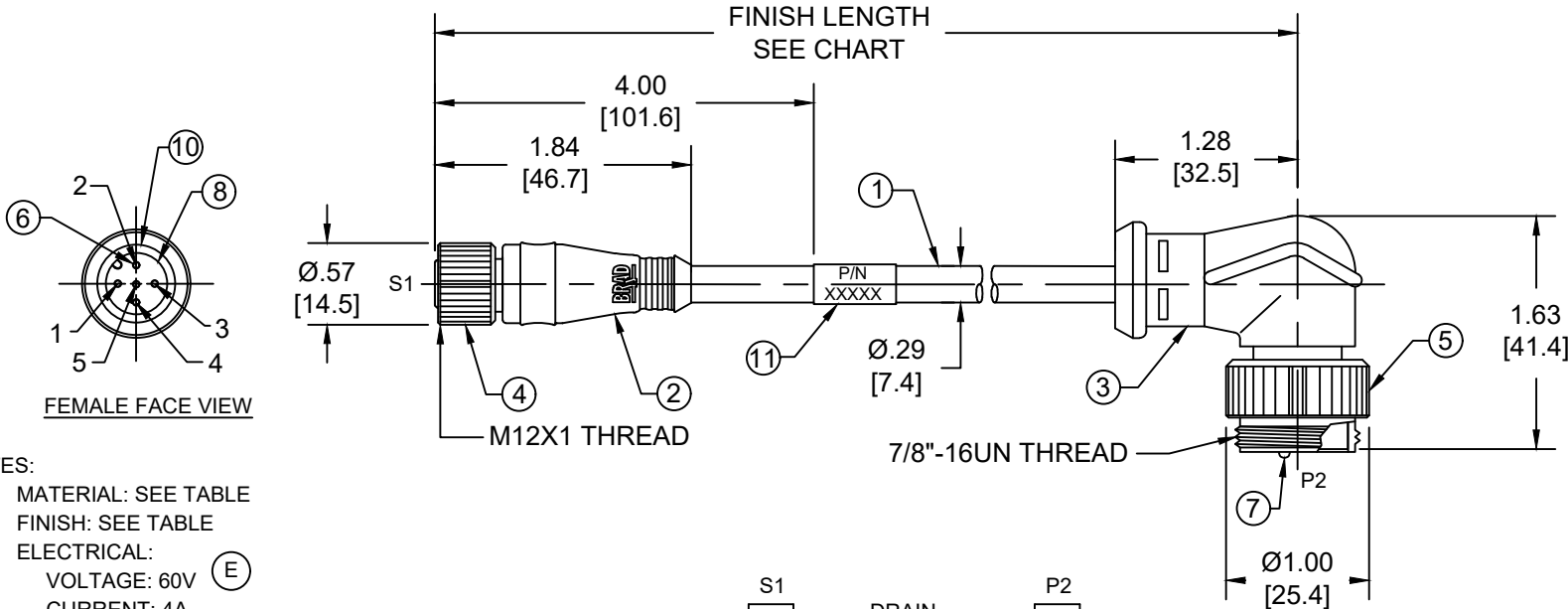


SAP P/N #	ENGINEERING P/N	FINISHED LENGTH
1300390112	DND29A-M002	0.2M [8 IN]
1300390176	DND29A-M030	3M [9FT 10 IN]
1300390177	DND29A-M050	5M [16FT 5 IN]

PART NUMBER LEGEND

DND29A-M002

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

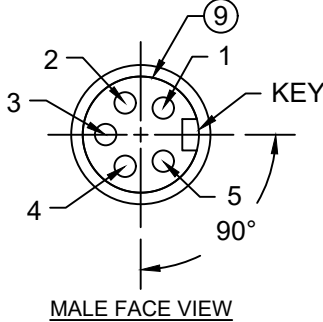


NOTES:

- MATERIAL: SEE TABLE
- FINISH: SEE TABLE
- 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

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

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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FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
F A =0 F E =0 F P =0	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					
	INCH/MM		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 796537			MINI-MICRO CHANGE DEVICENET, A-SIZE-M12, 5 POLE, MALE 90DEG-FEMALE STRAIGHT, SINGLE KEY, #22/4 AWG					
	mm	INCH											
DIVISIONAL SYMBOLS	4 PLACES		±----	±----	DRWN: ABENJAMINLW			2024/08/05					
	3 PLACES		±----	±----	CHK'D: LESPINOZA			2024/08/27					
	2 PLACES		±----	±----	APPR: BWOODMAN			2024/09/19					
	1 PLACE		±----	±----	INITIAL REVISION:			DOCUMENT NUMBER SD-130039-021					
	0 PLACES		±----	±----	DRWN: TWOLDEGE						2010/01/11		
ANGULAR TOL		±	----	°	APPR: JFMURPHY			2010/01/20					
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	