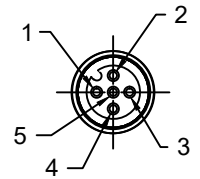


MATERIAL NUMBER	ENGINEERING NUMBER	FINISHED LENGTH
1300270075	DND30A-M010	1M [3FT 3 IN]
1300270077	DND30A-M030	3M [9FT 10 IN]
1300270079	DND30A-M050	5M [16FT 5 IN]

PART NUMBER LEGEND
DND30A-M010

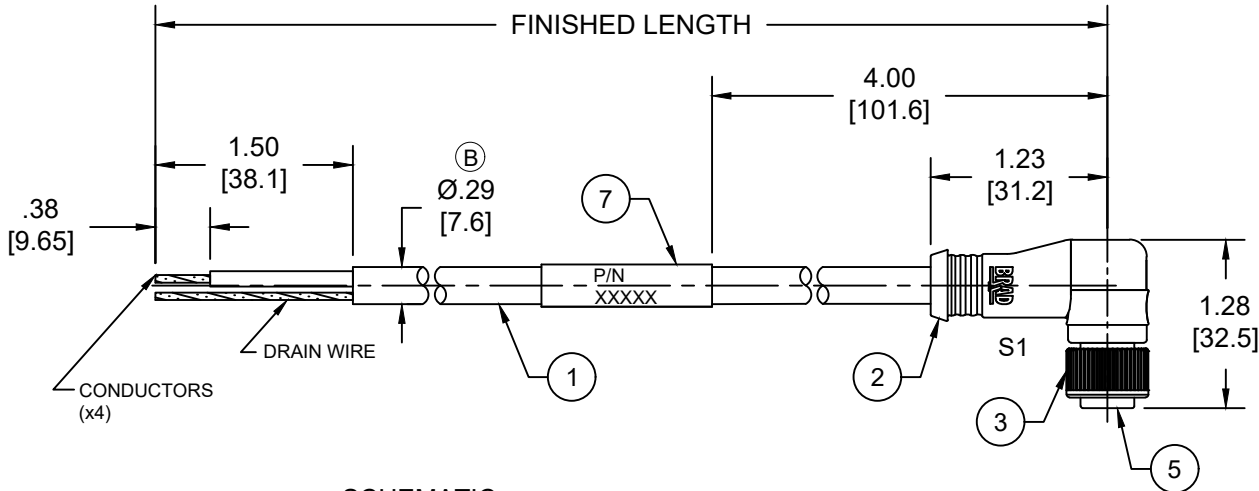
FINISHED LENGTH:
M005 = 0.5 METER
M010 = 1 METER
M100 = 10 METER

FEMALE- FACE VIEW



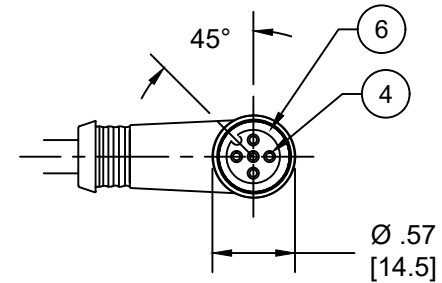
CABLE LENGTH TOLERANCES
<.3M [1FT]: +19mm-0 [+.75in-0]
.3 - .9M [1 - 3FT]: +44.5mm-0 [+1.75in-0]
.9 - 1.8M [3 - 6FT]: +55.6mm-0 [+2.19in-0]
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]
3.7 - 7.3M [12 - 24FT]: +165.1mm-0 [+6.50in-0]
7.3-14.6M [24 - 48FT]: +317.5mm-0 [+12.50in-0]
14.6 - 30.5M [48-100FT]: +622.3mm-0 [+24.50in-0]
OVER 30M [100FT] +2% OF FINISHED LENGTH

- NOTES:**
- MATERIAL: AS NOTED
 - FINISH: AS NOTED
 - ELECTRICAL:
VOLTAGE: 250V AC/DC
CURRENT: 4 AMPS
 - TEMP RATING: -20°C TO +80°C
 - PROTECTION: IP67 (WHEN MATED)
 - COUPLING THREAD: M12 X 1
 - UL LISTED FILE: E152210
CSA CERTIFIED FILE: LR6837
 - ALL DIMENSIONS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE



SCHEMATIC

DRAIN	1
RED	2 - V+
BLACK	3 - V-
WHITE	4 - CAN_H
BLUE	5 - CAN_L



FEMALE- FACE VIEW

7	WRAP LABEL	VINYL	BLACK/YELLOW
6	O-RING	NITRILE	RED
5	INSERT	NYLON	BLACK
4	SOCKET CONTACT	COPPER ALLOY	GOLD OVER NICKEL
3	COUPLNG NUT	ZINC DIE CAST	BLACK E-COATED
2	OVERMOLD	TPC	GRAY
1	CABLE #22 AWG, DEVICENET	PVC JACKET	GRAY
ITEM	COMPONENT	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2022/05/04	21:13:40
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THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
FUNCTIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM #2 WAS PVC & ITEM #7 WAS PLASTIC FILM. ADDED UL, CSA, O-RING, CABLE DIA, PN LEGEND & TOL CHART. MODIFIED PN TABLE			molex						
	INCH/MM		NTS										MICRO-CHANGE DEVICENET, M12, 5 POLE, FEMALE, 90DEG, SINGLE KEY #22 AWG	
	GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 704134 DRWN: ABENJAMINLW 2021/06/01 CHK'D: RSTONE 2022/04/27 APPR: BWOODMAN 2022/05/04						
		mm		INCH									PRODUCT CUSTOMER DRAWING	
DIVISIONAL SYMBOLS	4 PLACES	±----	±----	DOCUMENT NUMBER SD-130027-003 DOC TYPE PSD DOC PART 001 REVISION B										
	3 PLACES	±----	±----											
	2 PLACES	±----	±----											
	1 PLACE	±----	±----											
	0 PLACES	±----	±----											
ANGULAR TOL ± ---- °				APPR: JFMURPHY 2009/08/10				SHEET NUMBER 1 OF 1						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING A-SIZE							SERIES 130027	
														

molex

MICRO-CHANGE DEVICENET, M12,
5 POLE, FEMALE, 90DEG, SINGLE KEY
#22 AWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-130027-003	PSD	001	B