

MATERIAL NO.	ENGINEERING NO.	FINISHED LENGTH
1300250172	DN91A-M005	1 FT 7.7 IN (0.5M)
1300250523	DN91A-M200	65 FT 7.4 IN (20.0M)
1300250578	DN91A-M400	131 FT 2.8 IN (40.0M)

NOTES:

1. MATERIAL: AS NOTED

2. FINISH: AS NOTED

3. ELECTRICAL SPECIFICATIONS

VOLTAGE RATING: 300V PER IEC60664

300V PER UL

CURRENT RATING: 4A

4. TEMP RANGE: -20°C TO +80°C

5. PROTECTION: IP67 (WHEN MATED)

6. UL RECOGNIZED FILE: E152210

CSA CERTIFIED FILE: LR6837

7. DIMS ARE FOR REFERENCE UNLESS TOLERANCED OR NOTED OTHERWISE

PART NO. LEGEND

DN91A-M010

FINISHED LENGTH

M005= 0.5 METER

M010= 1 METER

M100= 10 METER

WIRING DIAGRAM		
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]

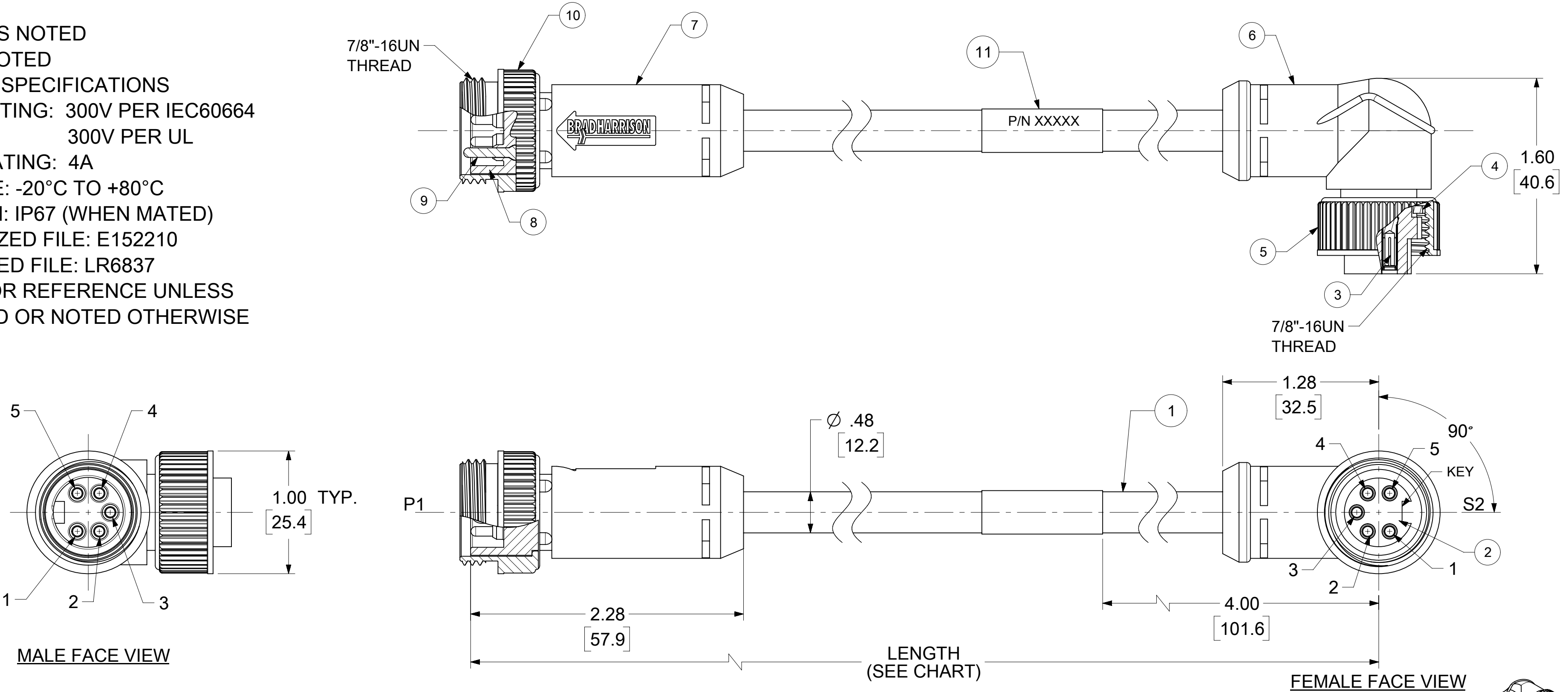
1.8 - 3.7M [6 - 12FT]: +88.9mm-0 [+3.50in-0]

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



10	WRAP LABEL	VINYL	BLACK/YELLOW
9	COUPLING NUT, MALE	ZINC DIE-CAST	BLACK E-COAT
8	PIN CONTACT	Cu ALLOY	GOLD PLATED
7	INSERT, MALE, 5 POLE	TPE	BLACK
6	OVERMOLD, 90 DEG	TPE	GRAY
5	COUPLING NUT, FEMALE	ZINC DIE-CAST	BLACK E-COAT
4	FRICTION RING	NYLON	WHITE
3	SOCKET CONTACT	Cu ALLOY	GOLD PLATED
2	INSERT, FEMALE, 5 POLE	TPE	BLACK
1	CABLE, DEV-NET, TRUNK, 18/2, 15/2	PVC JACKET	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH

DOCUMENT STATUS	P1	RELEASE DATE	2025/03/06	18:28:04
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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  = 0  = 0  = 0 DIVISIONAL SYMBOLS	DIMENSION UNITS		SCALE		CURRENT REV DESC: ITEM 2 & 7 INSERTS COLOR WAS CHANGED FROM GRAY TO BLACK			molex MINI-CHANGE DEVICENET, A SIZE 5 POLE, MALE STRAIGHT-FEMALE 90 DEG, SINGLE KEY, 15/18AWG					
	INCH/MM		NTS										
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 732099 DRWN: V BASUTHKARP 2022/07/14 CHK'D: PDODDAMANEMY 2024/03/28 APPR: BWOODMAN 2025/03/06			PRODUCT CUSTOMER DRAWING					
			MM									INCH	
	4 PLACES		±	±									
	3 PLACES		±	±									
	2 PLACES		±	±									
	1 PLACE		±	±									
	0 PLACES		±	±	INITIAL REVISION: DRWN: RSTONE 2009/05/11 APPR: JFMURPHY 2009/05/15			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	ANGULAR TOL		±	°				SD-130025-002		PSD	001	C	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						C-SIZE	130025	SEE TABLE		GENERAL MARKET		1 OF 1	