

PART NUMBER	ENGINEERING NO.	LENGTH
1300250173	DN91A-M010	1M
1300250177	DN91A-M030	3M
1300250179	DN91A-M050	5M

CHART

PART NO. LEGEND (A1)

DN91A-M010

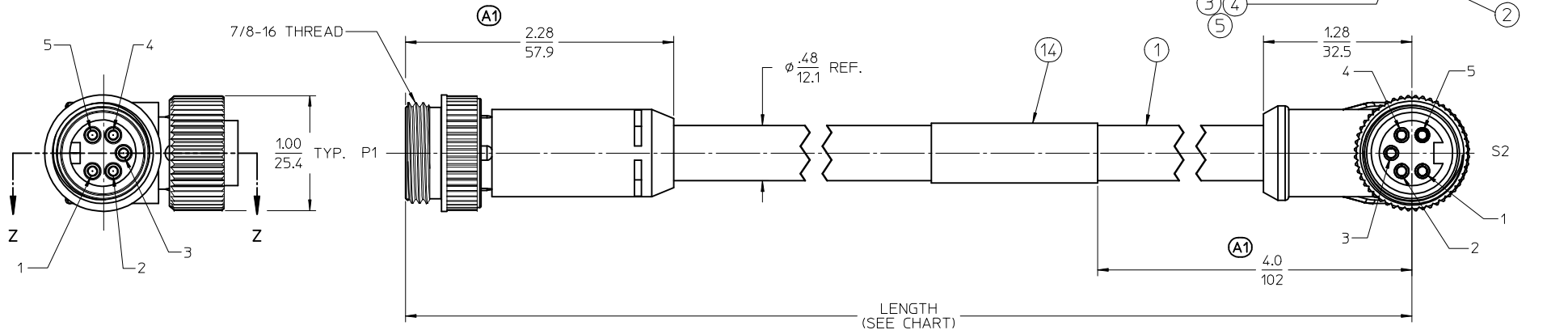
FINISHED LENGTH
M005= 0.5 METER
M010= 1 METER
M100= 10 METERS

CABLE LENGTH TOLERANCES

>3M [1FT]: +19mm-0 [+1.75in-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

P1		S2
1	DRAIN	1
2	RED +V	2
3	BLACK -V	3
4	WHITE CAN H	4
5	BLUE CAN L	5

WIRING DIAGRAM



(A1) NOTES:

1. MATERIAL: AS NOTED
2. FINISHES: AS NOTED
3. ELECTRICAL SPECIFICATIONS
VOLTAGE RATING: 300V PER IEC60664
300V PER UL2238
CURRENT RATING: 4 AMPS
4. PROTECTION: IP67 (WHEN MATED)
5. TEMP RANGE: -20°C TO +80°C
6. UL RECOGNIZED FILE: E152210
CSA CERTIFICATION FILE: LR6837
7. DIMS SHOWN ARE FOR REFERENCE
UNLESS NOTED OTHERWISE

14	LABEL	VINYL	BLACK/YELLOW
13	COUPLING NUT, MALE	ZINC DIE CAST	BLACK
12	CONTACT PIN, 18 AWG	BRASS	GOLD PLATED
11	CONTACT PIN, 16 AWG	BRASS	GOLD PLATED
10	INSERT, MALE, 5 POLE	PVC	GRAY
9	OVERMOLD, STRAIGHT	PVC	GRAY
8	OVERMOLD, 90 DEG	PVC	GRAY
7	COUPLING NUT, FEMALE	ZINC DIE CAST	BLACK
6	FRICTION RING	NYLON	WHITE
5	SOCKET SLEEVE	ST. STEEL	
4	CONTACT SOCKET, 18 AWG	BRASS	GOLD PLATED
3	CONTACT SOCKET, 16 AWG	BRASS	GOLD PLATED
2	INSERT, FEMALE, 5 POLE	PVC	GRAY
1	CABLE, DEV-NET, TRUNK, 18/2, 15/2	PVC JACKET	GRAY
ITEM	DESCRIPTION	MATERIAL	FINISH

REV	DESCRIPTION
A1	REVISED IEC VOLTS NOTES ADD P/N LEG. & LENGTH TOLS EC NO: IPG2017-1047 DRAWN BY: DRWINSTONE 2017/05/10 CHKD BY: CHKD K COX APPR: BWOODMAN 2017/06/15

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR ± ---°		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	IN/MM
DRAWN BY	DATE
R.STONE	2009/05/06
CHECKED BY	DATE
B.WOODMAN	2009/05/08
APPROVED BY	DATE
J.MURPHY	2009/05/14
MATERIAL NO.	
SEE CHART	
SIZE	
C	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
15:1	INCH	
TITLE MINI-CHANGE, CORD ASSY MALE STRAIGHT/FEM 90 DEG DEVICE NET		
MOLEX INCORPORATED		
DOCUMENT NO.	SD-130025-002	SHEET NO. 1 OF 1
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