

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

CHART

PART NO. LEGEND (A1)

DN91A-M010

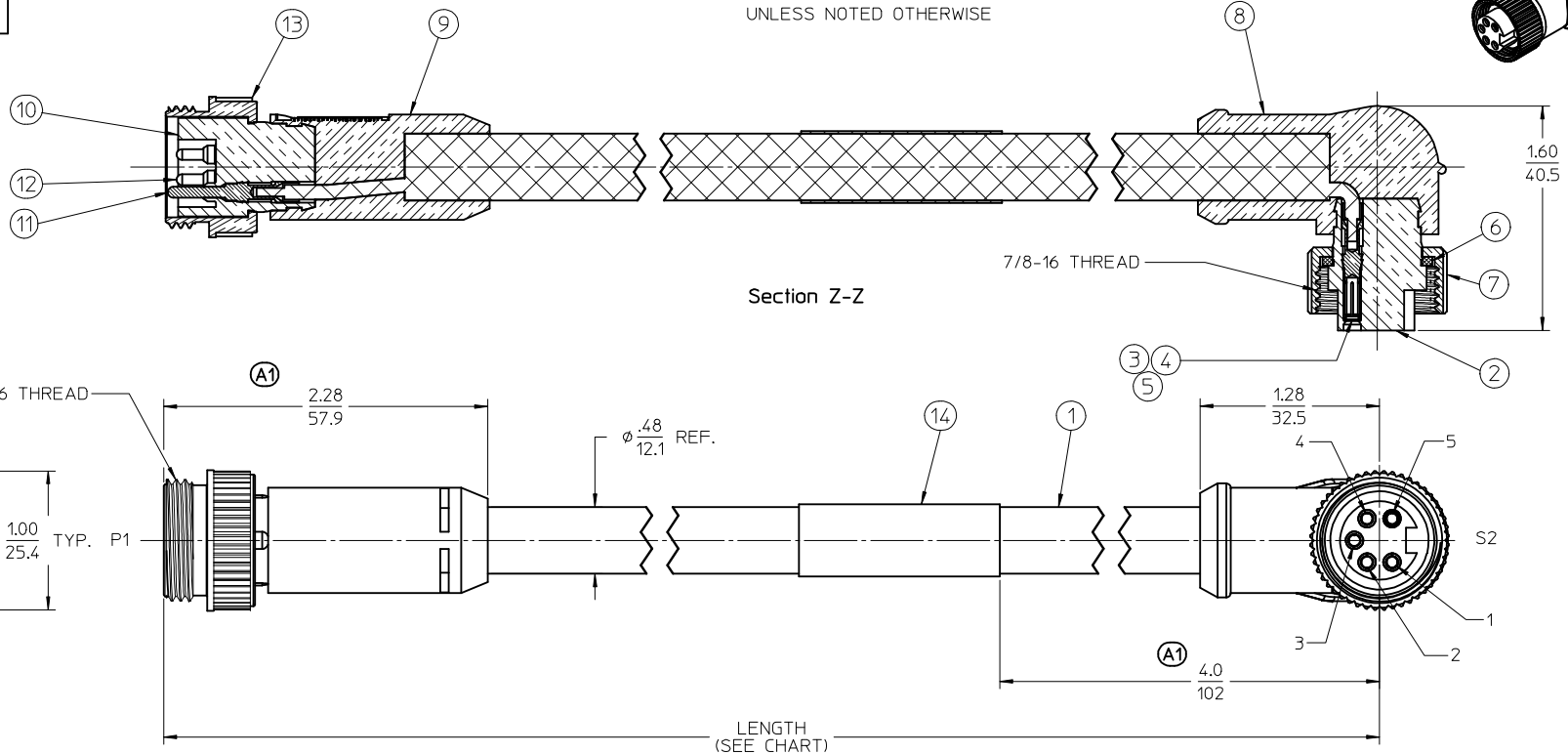
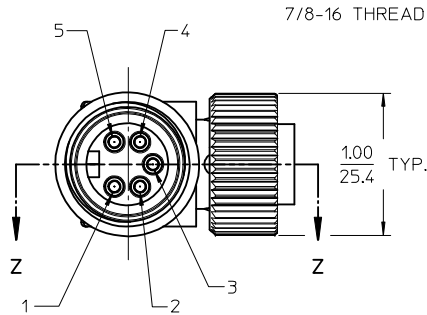
FINISHED LENGTH
M005= 0.5 METER
M010= 1 METER
M100= 10 METERS

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

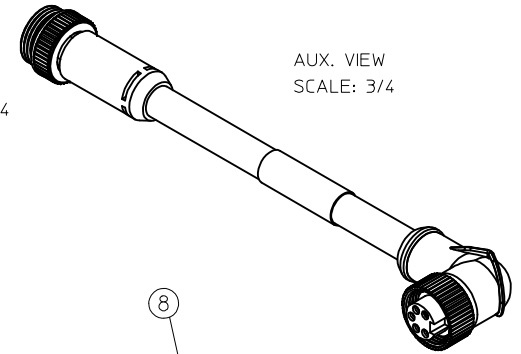
WIRING DIAGRAM



(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

AUX. VIEW
SCALE: 3/4



ITEM	DESCRIPTION	MATERIAL	FINISH
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

REV'D IEC VOLTS NOTES
ADD P/N LEG. & LENGTH TOLS
EC NO: IPG2017-1047
2017/05/10
DRAWN BY: R. STONE
CHKD BY: CHDKK COX
APPR: B. WOODMAN
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: R. STONE
DATE: 2009/05/06

CHECKED BY: B. WOODMAN
DATE: 2009/05/08

APPROVED BY: J. MURPHY
DATE: 2009/05/14

MATERIAL NO.
SEE CHART

SIZE: C

SCALE: 15:1
DESIGN UNITS: INCH

THIRD ANGLE PROJECTION

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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