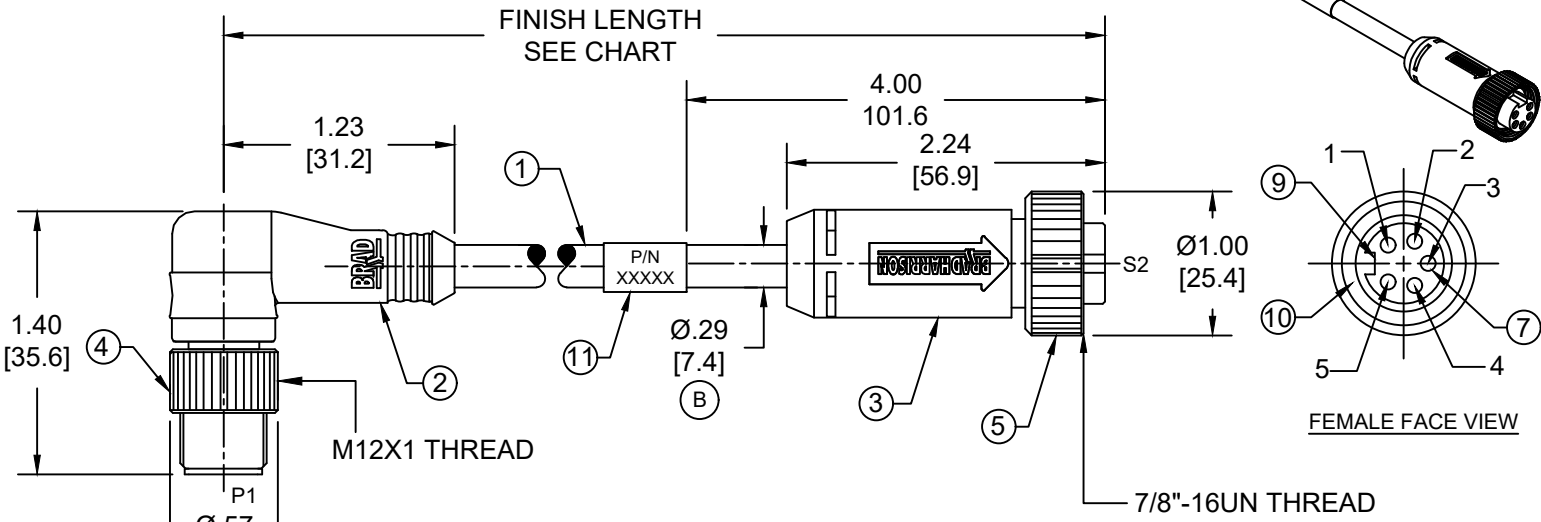


| SAP P/N # | ENGINEERING P/N | FINISHED LENGTH |
|------------|-----------------|-------------------|
| 1300390151 | DND13A-M010 | 1M [3FT 3 IN] |
| 1300390608 | DND13A-M150 | 15M [49FT 3 IN] |
| 1300390610 | DND13A-M300 | 30M [98FT 5 IN] |

PART NUMBER LEGEND
DND13A-M002
 LENGTH:
 M005= 0.5 METER
 M010= 1 METER
 M100= 10 METER



- NOTES:**
- MATERIAL: SEE TABLE
 - FINISH: SEE TABLE
 - ELECTRICAL:
VOLTAGE: 250V
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

| P1 | | S2 | |
|----|-------|----|--|
| 1 | DRAIN | 1 | |
| 2 | RED | 2 | |
| 3 | BLACK | 3 | |
| 4 | WHITE | 4 | |
| 5 | BLUE | 5 | |

CABLE LENGTH TOLERANCES

<.3M [1FT]: +19mm-0 [+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 | BLACK/YELLOW |
|------|----------------------|---------------|------------------|
| 10 | FRICTION RING | NYLON | WHITE |
| 9 | FEMALE INSERT(MINI) | TPE | BLACK |
| 8 | MALE INSERT(MICRO) | NYLON | BLACK |
| 7 | SOCKET CONTACT | COPPER ALLOY | GOLD OVER NICKEL |
| 6 | PIN CONTACT | COPPER ALLOY | GOLD OVER NICKEL |
| 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 |

WIRING DIAGRAM

FUNCTIONAL SYMBOLS: $\nabla \text{E} = 0$, $\nabla \text{C} = 0$, $\nabla \text{P} = 0$

DIVISIONAL SYMBOLS: (B), (B)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

| DIMENSION UNITS | SCALE | CURRENT REV DESC: |
|-----------------|-------|---|
| INCH/MM | NTS | ITEM-2, 3 & 9 WERE PVC. ADDED ITEM-10, TOL CHART, UL, CSA, CABLE DIA AND PN LEGEND. MODIFIED PN CHART |

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|----------|-------|-------|
| 4 PLACES | ±---- | ±---- |
| 3 PLACES | ±---- | ±---- |
| 2 PLACES | ±---- | ±---- |
| 1 PLACE | ±---- | ±---- |
| 0 PLACES | ±---- | ±---- |

ANGULAR TOL ± ---- °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: A-SIZE

SERIES: 130039

MATERIAL NUMBER: SEE CHART

CUSTOMER: GENERAL MARKET

SHEET NUMBER: 1 OF 1

EC NO: 720800

DRWN: ABENJAMINLW 2022/07/22

CHK'D: RSTONE 2022/09/09

APPR: BWOODMAN 2022/09/09

INITIAL REVISION:

DRWN: TWOLDEGE 2010/01/11

APPR: JFMURPHY 2010/01/20

DOCUMENT NUMBER: SD-130039-019

DOC TYPE: PSD

DOC PART: 001

REVISION: B

molex

MICRO-MINICHANGE DEVICENET, M12-A-SIZE, 5 POLE, MALE 90DEG - FEMALE STRAIGHT, SINGLE KEY, #22/4 AWG

PRODUCT CUSTOMER DRAWING

| | | | | |
|-----------------|----|--------------|------------|----------|
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