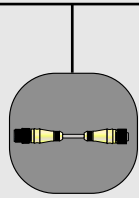


Single-Ended Cordsets

- Male and female Micro-Change® single-ended cordsets

Drop line single-ended Micro-Change cordsets can be used in a variety of applications. These cordsets are designed to connect one node to the trunk, with the flying lead end being connected to either a DeviceNet open terminal strip or a field attachable style of connector to provide quick-disconnects on both ends. Active nodes with open style of connections such as HMI, motion or motor controllers can be connected to a tee drop with these cordsets. Male connectors are supplied with externally threaded coupling nuts while female connectors are supplied with internally threaded coupling nuts. This allows you to daisy chain these drop lines in a variety of configurations.



- Rugged IP68 rated connectors for continuous connection integrity in industrial environments
- Variety of cable, cable exit, coupling nut and length options for maximum system flexibility

Single-Ended Cordsets

Specifications

CONNECTOR DIMENSIONS

Male Straight

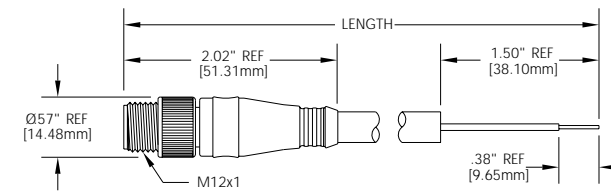


FIG 1

Male 90°

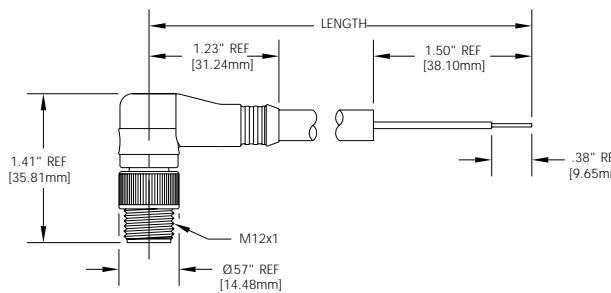


FIG 2

Female Straight

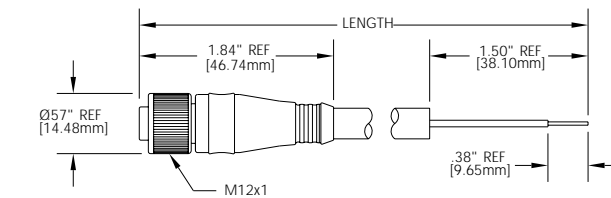


FIG 3

Female 90°

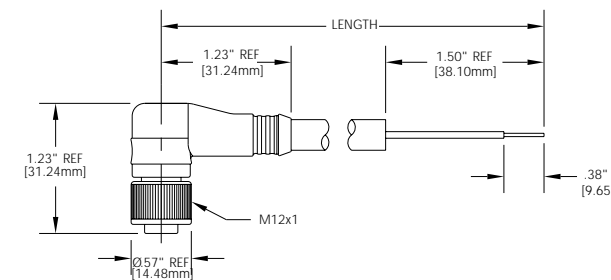


FIG 4

MECHANICAL

CONNECTOR FACE: NYLON 6/6
 MOLDED BODY: PVC
 COUPLING NUT: ZINC DIECAST W/ BLACK EPOXY COAT; OPTIONAL STAINLESS STEEL TYPE 303 OR NICKEL-PLATED BRASS
 CABLE: THIN - SEE PAGE 46 FOR SPECIFICATIONS
 THIN-FLEX - SEE PAGE 46 FOR SPECIFICATIONS
 CABLE DIAMETER: THIN - 0.27" (6.9 mm)
 THIN-FLEX - 0.30"

ELECTRICAL

VOLTAGE RATING: 250V AC / DC
 AMPERAGE: 4A
 CONTACT MATERIAL: PHOSPHUR BRONZE ALLOY
 CONTACT PLATING: GOLD OVER NICKEL PER ODVA SPECS

ENVIRONMENTAL

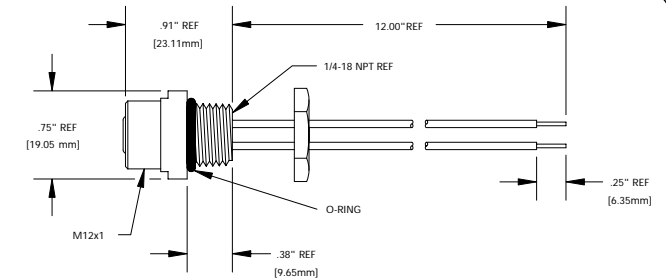
PROTECTION: IP68, NEMA 6P
 AMBIENT OPERATING TEMP: -4° TO 221° F (-20° TO 105° C)

CERTIFICATIONS

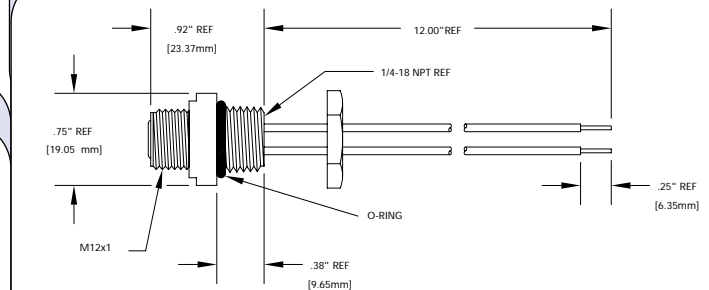
UL: UL LISTED, FILE NO. E152210
 CSA: CSA CERTIFIED, FILE NO. LR6837

RECEPTACLE DIMENSIONS

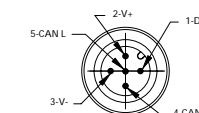
Female Receptacle w/ Internal Threads; 1/4" - 18NPT Threads



Male Receptacle w/ External Threads; 1/4" - 18NPT



MALE FACE VIEW



FEMALE FACE VIEW

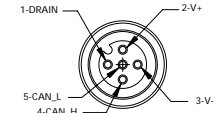
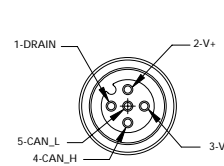
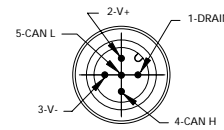


FIG 5

FACE VIEWS



FEMALE



MALE

5P

MALE	FIG	SINGLE-ENDED CORDSETS WITH THIN DROP CABLE 1 METER LONG
STRAIGHT	1	DND02A-M010
90°	2	DND03A-M010
MATING RECEPTACLE W/ 12" WIRE LEADS	5	81611
FEMALE	FIG	SINGLE-ENDED CORDSETS WITH THIN DROP CABLE 1 METER LONG
STRAIGHT	3	DND20A-M010
90°	4	DND30A-M010
MATING RECEPTACLE W/ 12" WIRE LEADS*	5	81612

CATALOG OPTIONS

* see pages 58-59 for additional mating receptacles

Use the following chart to modify your part's specifications

DND 02A-M010

CABLE OPTION

DEVICENET THIN-FLEX RATED. ADD F
 DEVICENET THIN
 CLASSII/TRAY RATED ADD G

COUPLING NUT

STAINLESS STEEL SS
 NICKEL-BRASS NB

CABLE LENGTH

0.5 METER M005
 2 METER M020
 5 METER M050