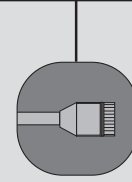


Open Style Cordsets & Receptacles

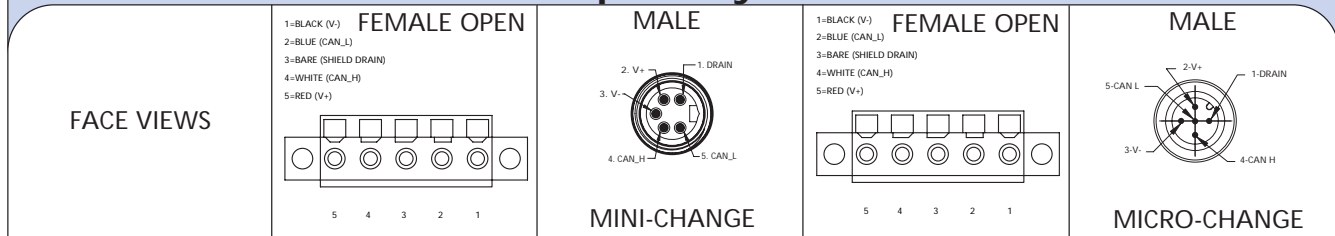
- Open single-ended
- Open to Mini-Change® or Micro-Change® Cordsets
- Open to back panel mount receptacle

The open style of overmolded cordsets are used in a variety of applications that require an industrially rated connection to a DeviceNet-enabled device. The double-ended open style to Micro-Change or Mini-Change style of connections allows you to connect a scanner card, block I/O, motor controller or other DeviceNet node to a Tee or passive block. Another popular version connects an open device to a back panel mounted receptacle allowing a device with an open connector to have a plug-play connection outside the enclosure.



- Over-molded open style of DeviceNet connector provides for environmental protection and cable integrity strain relief
- Variety of form factor, cable type and length options available for maximum flexibility

Open Style of Cordsets



FEMALE	FIG	SINGLE-ENDED OPEN STYLE CONNECTORS
OPEN SINGLE-ENDED THICK	2	DN40-Mxxx
OPEN SINGLE-ENDED THIN	2	DND40-Mxxx
FEMALE/MALE	FIG	DOUBLE-ENDED OPEN STYLE CONNECTORS WITH THIN DROP CABLE
OPEN / MINI-CHANGE	1	DND41A-Mxxx
OPEN / MICRO-CHANGE	3	DND42A-Mxxx
OPEN / RIGHT ANGLE MINI-CHANGE	*	DND49A-Mxxx
OPEN / RIGHT ANGLE MICRO-CHANGE	**	DND43A-Mxxx
FEMALE/MALE	FIG	PANEL MOUNT RECEPTACLES WITH THIN DROP CABLE
OPEN/MINI-CHANGE	4	DND5304-Mxxx
OPEN/MICRO-CHANGE	5	DNDC304-Mxxx

CORDSET CATALOG OPTIONS

- * see fig 2 on page 23
- ** see fig 2 on page 47
- Consult Woodhead Industries for other panel mount receptacle options
- Micro-Change connectors can accept thin cable only

Use the following chart to modify your part's specifications

DND41A-Mxxx

CABLE OPTIONS

DNET MID (MINI-CHANGE ONLY)	DNB
DNET THIN	DND

COUPLING NUT

EPOXY COATED ZINC	A
STAINLESS STEEL	SS
NICKEL-BRASS (FOR MINI- AND MICRO-CONNECTOR END ONLY)	NB

STANDARD LENGTH*

0.5 METER	.005
2 METER	.020
5 METER	.050

* Please call for availability of non-standard lengths

CONNECTOR DIMENSIONS

Open/Mini-Change® Male Double-Ended Cordset

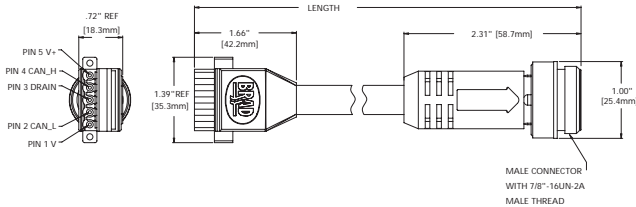


FIG 1

Open Single-Ended Cordset

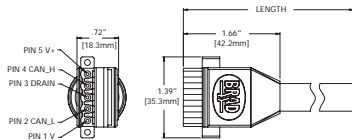


FIG 2

Open/Micro-Change Male Double-Ended Cordsets

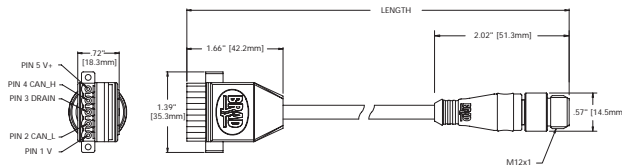


FIG 3

RECEPTACLE DIMENSIONS

Open/Mini-Change® Male Back-Panel Mount

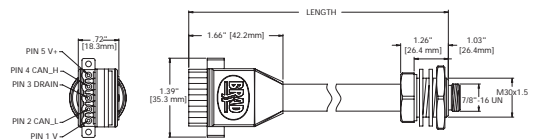


FIG 4

Open/Micro-Change Male Back-Panel Mount

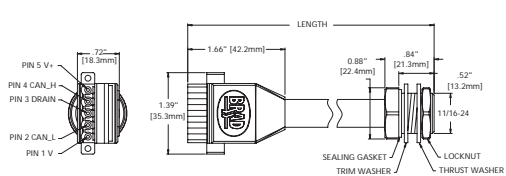


FIG 5

MECHANICAL

BODY: MINI-CHANGE – MOLDED PVC
MICRO-CHANGE – MOLDED PVC
OPEN – POLYAMIDE

INSERT: MINI-CHANGE – PVC
MICRO-CHANGE – NYLON 6/6

CABLE OD: THIN – 0.27" (6.9 mm)
MID – 0.34" (8.6 mm)
THICK – 0.48" (12.1 mm)

ELECTRICAL

VOLTAGE: MINI-CHANGE – 600V AC / DC
MICRO-CHANGE – 250V AC / DC
OPEN – 300V AC

AMPERAGE: MINI-CHANGE – 8A
MICRO-CHANGE – 4A
OPEN – 10A

CONTACTS: MINI-CHANGE – PHOSPHUR BRONZE
MICRO-CHANGE – PHOSPHUR BRONZE
OPEN – BRONZE

CONTACT PLATING: MINI-CHANGE – GOLD OVER NICKEL
MICRO-CHANGE – GOLD OVER NICKEL
OPEN – GOLD

ENVIRONMENT

PROTECTION: MINI-CHANGE – IP68
MICRO-CHANGE – IP68
OPEN – IP20

AMBIENT OPERATING

TEMPERATURE: MINI-CHANGE – -40° TO 221° F
(-20° TO 105° C)
MICRO-CHANGE – -40° TO 221° F
(-20° TO 105° C)
OPEN – 32° TO 140° F (0° TO 60° C)