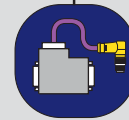


D-Sub Cordsets

- 9-pin D-sub to single reverse key Micro-Change® connector

Profibus Reverse Key Micro-Change® to 9-pin D-Sub cordsets are available in single cable versions. These cordsets are used in a variety of configurations where a complete daisy-chain plug-and-play solution is desired. The cordsets are designed to provide end of segment node connections. For instance a double-ended cordset can be connected to the bus OUT connection of a Profibus Module and the D-Sub can be connected to a Profibus interface card. Male connectors are supplied with externally threaded coupling nuts while female connectors are supplied with internally threaded coupling nuts, and the 9-pin D-Sub has a male pin out configuration. D-Sub termination switch is shipped from factory pre-set in the "off" position.



- PUR jacketed for chemical and oil resistance
- D-Sub connector enables interface card connection
- D-Sub connector provides termination circuitry
- 360° shielded Micro-Change head design to reduce RFI/EMI
- D-Sub includes termination switch for field installation flexibility



D-Sub Cordsets

FACE VIEWS		MALE 	FEMALE
COLOR CODE	1 - NOT USED 4 - NOT USED 7 - NOT USED 2 - NOT USED 5 - NOT USED 8 - GREEN (BUS-A) 3 - RED (BUS-B) 6 - NOT USED 9 - NOT USED	1 - NOT USED 4 - RED (BUS-B) 2 - GREEN (BUS-A) 3 - NOT USED 5 - SHIELD	
VOLTAGE	250V AC / DC		
CURRENT	4A		
CABLE	#22 AWG		

	FIG	HORIZONTAL D-SUB	VERTICAL D-SUB	VERTICAL D-SUB WITH PROGRAMMING PORT
STRAIGHT MALE MICRO-CHANGE	1	BM5S60PP4Mxxx	BM5S62PP4Mxxx	BP5S62PP4Mxxx
90° MALE MICRO-CHANGE	2	BM5S61PP4Mxxx	BM5S63PP4Mxxx	BP5S63PP4Mxxx
STRAIGHT FEMALE MICRO-CHANGE	3	BM5S30PP4Mxxx	BM5S32PP4Mxxx	BP5S32PP4Mxxx
90° FEMALE MICRO-CHANGE	4	BM5S31PP4Mxxx	BM5S33PP4Mxxx	BP5S33PP4Mxxx

OPTIONS

Use the following chart to modify your part's specifications

BM5S62PP4Mxxx

LENGTH

1 METER	010
2 METER	020
5 METER	050

* Please call for availability of non-standard lengths

MECHANICAL (MICRO-CHANGE CONNECTOR)
 CONNECTOR FACE: NYLON 6/6
 MOLDED BODY: PUR
 COUPLING NUT: NICKEL-PLATED BRASS (360° SHIELDED)
ENVIRONMENTAL (MICRO-CHANGE CONNECTOR)
 PROTECTION: IP67, NEMA 6
 AMBIENT OPERATING TEMP: -4° TO 176° F (-20° TO 80° C) MOVING
MECHANICAL (9-PIN D-SUB CONNECTOR)
 MATERIAL: ABS
ENVIRONMENTAL (9-PIN D-SUB CONNECTOR)
 PROTECTION: IP40
 AMBIENT OPERATING TEMPERATURE: 32° TO 140° F (0° TO 60° C)

CABLE
 OUTSIDE DIAMETER: 8 +/- 0.2mm
CABLE CONSTRUCTION
 JACKET MATERIAL: PUR
 INNER MATERIAL INSULATION: PE INSULATION
 SHIELD TYPE: PETP/AV FOIL, TINNED COPPER BRAID 65%
 CONDUCTOR: TWISTED PAIR 24AWG
CABLE FLEX INFORMATION
 TORSION: SURVIVED MORE THAN 2 MILLION CYCLES AT 360° OVER 1 M
 C-TRACK: SURVIVED MORE THAN 3 MILLION CYCLES AT ACCELERATION OF 10 M/S² AND PROCESS SPEED OF 5 M/S
 BEND RADIUS: 7.5 X CABLE DIAMETER (STATIC)
ELECTRICAL
 VOLTAGE RATING: 250V AC/DC

CONNECTOR DIMENSIONS

D-Sub to Straight Male

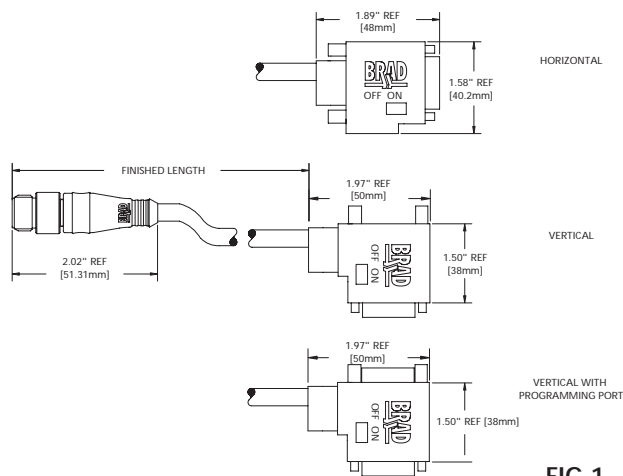


FIG 1

CONNECTOR DIMENSIONS

D-Sub to Straight Female

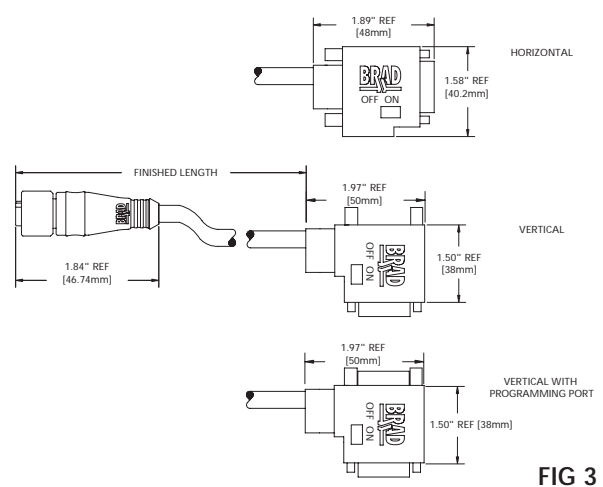


FIG 3

D-Sub to 90° Male

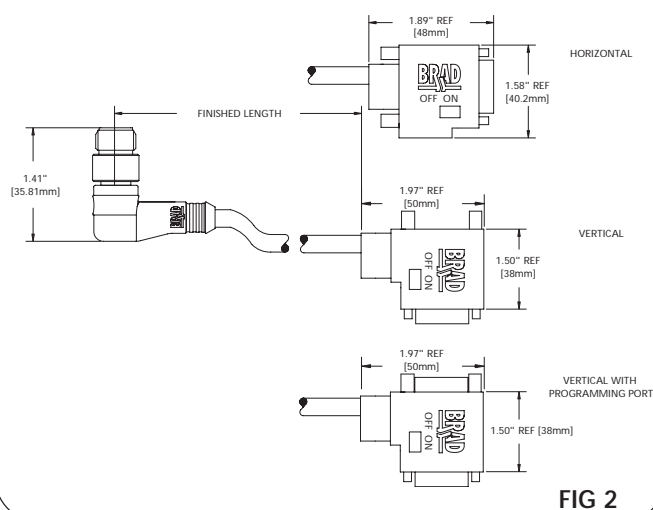


FIG 2

D-Sub to 90° Female

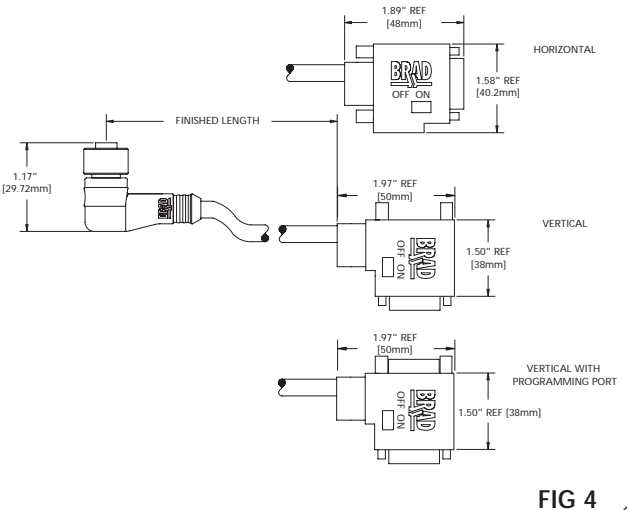


FIG 4