

MD-CS10x-000 Cordset

19-pin M23 single-ended cordsets are offered to speed prototyping of the MDriveACPlus Microstepping. Measuring 13.0' (4.0m) long, they are available in either straight or right angle termination. PVC jacketed cables come with a foil shield and unconnected drain wire.

Straight TerminationMD-CS100-000

Right Angle MD-CS101-000

Pin Assignment and Wire Colors

P1 - Expanded I/O Configuration			
Cordset Wire Color	Function (Expanded I/O)	Function (Optical Encoder)	MDrive P1
Violet	Opto Reference	Opto Reference	Pin 1
Red	Enable	Enable	Pin 2
Grey	N/C	Index +	Pin 3
Red/Blue	N/C	Channel B +	Pin 4
Green	N/C	Channel B -	Pin 5
Blue	N/C	N/C	Pin 6
Gray/Pink	N/C	Channel A +	Pin 7
White/Green	MOSI	MOSI	Pin 8
White/Yellow	CS	CS	Pin 9
White/Gray	+5 VDC Output	+5 VDC Output	Pin 10
Black	GND	GND	Pin 11
Green/Yellow	N/C	N/C	Pin 12
Yellow/Brown	Direction/Channel B/ Clock Down	Direction/Channel B/ Clock Down	Pin 13
Brown/Green	N/C	Index -	Pin 14
White	N/C	Channel A -	Pin 15
Yellow	SPI Clock	SPI Clock	Pin 16
Pink	MISO	MISO	Pin 17
Gray/Brown	Step Clock/Channel A/ Clock Up	Step Clock/Channel A/ Clock Up	Pin 18
Brown	Fault Output	Fault Output	Pin 19

Table C.1: MD-CS10x-000 Wire Color Chart

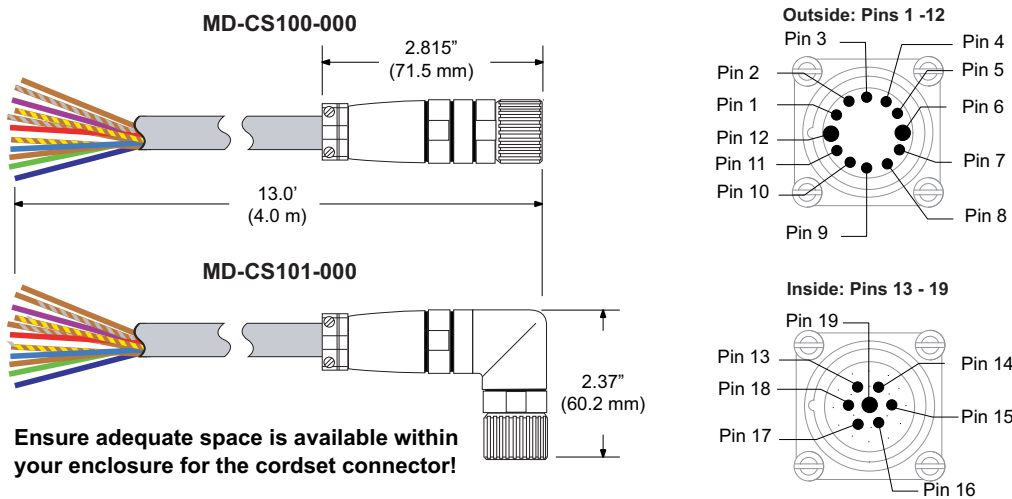


Figure C.13: MD-CS10x-000 Prototype Development Cordset



WARNING! Do not plug or unplug AC Power at the Motor with the power on!



Note: UL Recognition requires the use of the MD-CS20x-000 or Lumberg Equivalent AC Power Cordset.

MD-CS20x-000 Cordset

The single-end three conductor cordsets are used with the MDrive AC. Measuring 13.0' (4.0m) long, they are available in either straight or right angle termination. Euro AC Color Code, Oil-resistant yellow PVC jacket, IP68 and NEMA 6P rated.

Euro AC Cordset	
Euro AC	Euro Cordset Color Code
Pin 1	Yellow/Green
Pin 2	Brown
Pin 3	Blue

Table C.2: Euro AC Wire Color Chart

Straight TerminationMD-CS200-000
 Right Angle TerminationMD-CS201-000

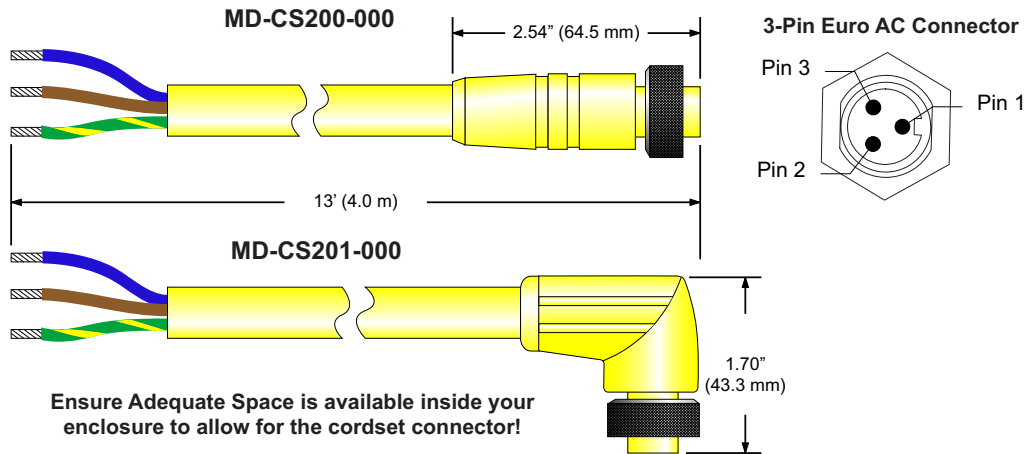


Figure C.14: MD-CS20x-000