

MD-CS10x-000 Cordset

19-pin M23 single-ended cordsets are offered to speed prototyping of the MDriveAC Plus Motion Control. 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 Termination MD-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 (Remote Encoder)	MDrive P1
Violet	I/O 9	Channel A +	Pin 1
Red	I/O 11	Channel B +	Pin 2
Grey	Step Clock	Index +	Pin 3
Red/Blue	I/O 1	I/O 1	Pin 4
Green	Direction	Index -	Pin 5
Blue	N/C	No Connect	Pin 6
Gray/Pink	Aux-Logic	Aux-Logic	Pin 7
White/Green	Comm Ground	Comm Ground	Pin 8
White/Yellow	I/O 3	I/O 3	Pin 9
White/Gray	I/O GND	I/O GND	Pin 10
Black	I/O PWR	I/O PWR	Pin 11
Green/Yellow*	Earth Ground*	Earth Ground*	Pin 12*
Yellow/Brown	I/O 12	Channel B -	Pin 13
Brown/Green	Capture/Trip	Capture/Trip	Pin 14
White	AIN	AIN	Pin 15
Yellow	I/O 2	I/O 2	Pin 16
Pink	I/O 4	I/O 4	Pin 17
Gray/Brown	I/O 10	Channel A -	Pin 18
Brown	N/C	No Connect	Pin 19

*Pin 12 makes electrical contact with the connector shell

Table E.2: MD-CS10x-000 Wire Color Chart

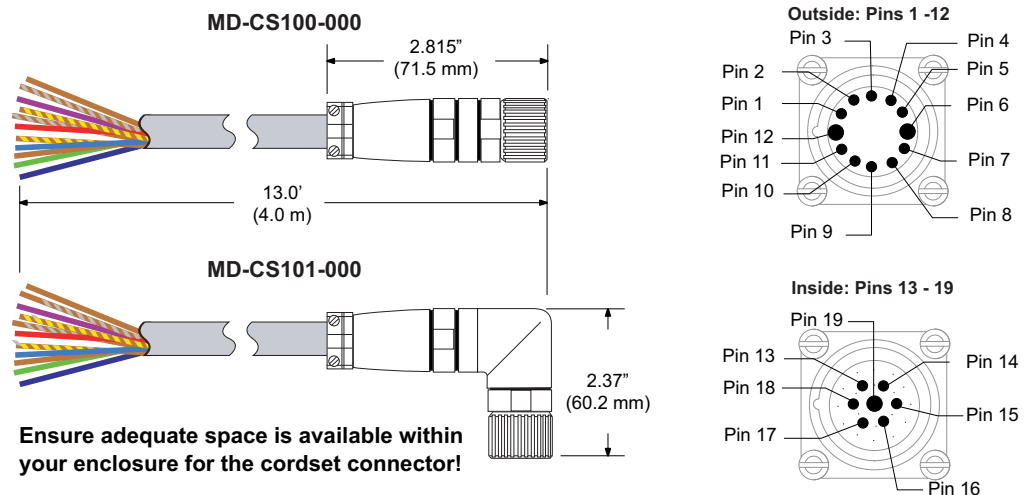


Figure E.11: MD-CS10x-000 Prototype Development Cordset

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 E.3: Euro AC Wire Color Chart



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



Note: Using any AC Power Cordset than the MD-CS20x-000 or Lumberg equivalent defeats the UL Recognition of the device!

Straight TerminationMD-CS200-000

Right Angle TerminationMD-CS201-000

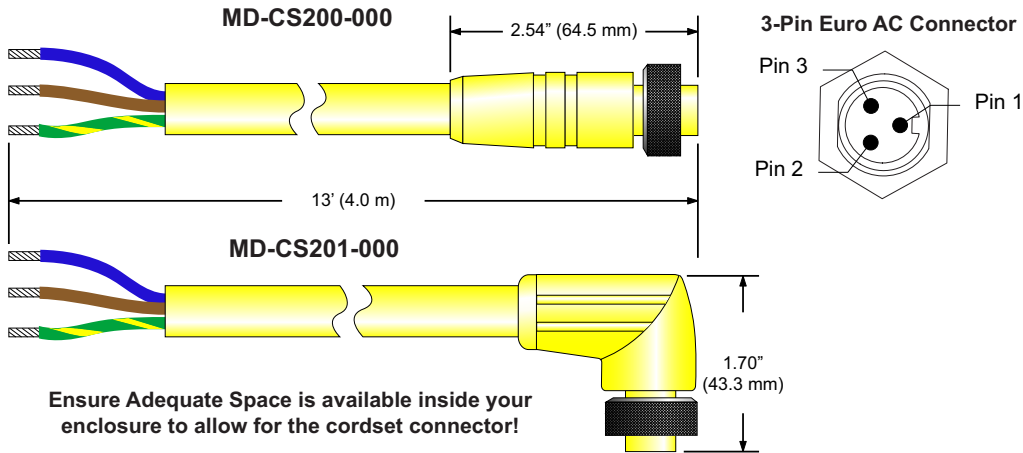


Figure E.12: MD-CS20x-000