

PD02-3400-FL3



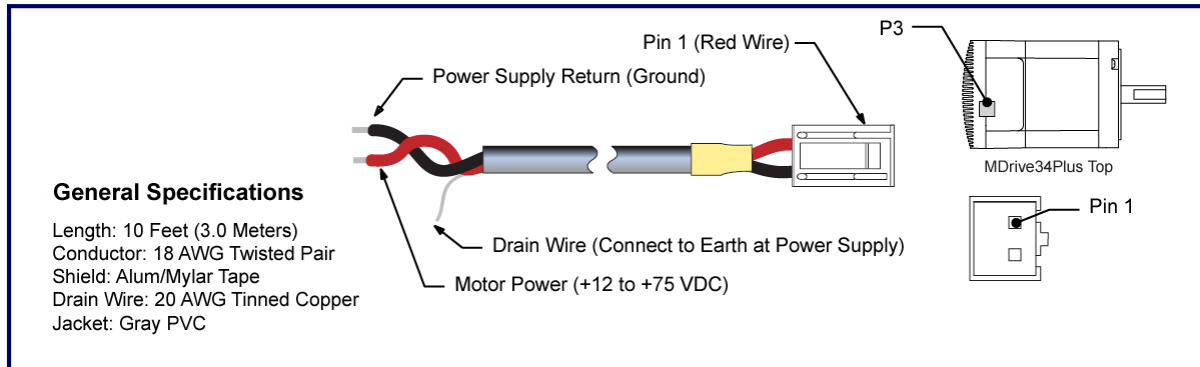
Description

The PD02-3400-FL3 is a 10' (3.0 M) Prototype Development Cable connect DC Power to Connector P3

Wire Color Chart		
Wire Color	Standard Functions	MDrive P3 Pin #
Red	+V (+12 to +75 VDC)	1
Black	Power Ground	2

Applicable MDrivePlus Products

1. MDrive34Plus² Motion Control
2. MDrive34Plus Microstepping



Cable Components

Connector Shell: Molex P/N 510-67-0200
Connector Pins: Molex P/N 502-17-9101
Cable: Alpha Wire P/N 2241C One Twisted Pair



PD14-2334-FL3

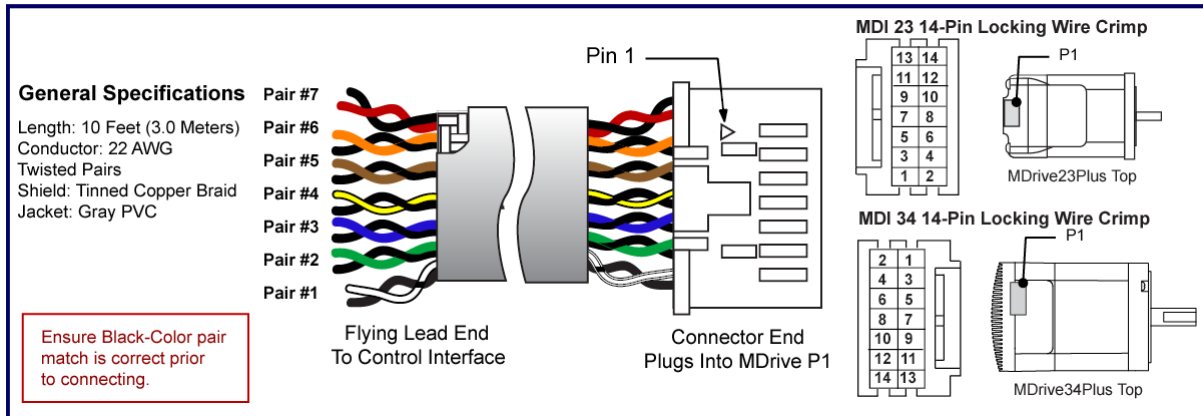
Description

The PD14-2334-FL3 is a 10' (3.0 M) Prototype Development Cable used to connect to the 14-Pin Locking Wire Crimp Connector. The Connector end plugs into the P1 Connector of the MDrivePlus. The Flying Lead end connects to a Control Interface such as a PLC.

Applicable MDrivePlus Products

1. MDrive23Plus Motion Control
2. MDrive34Plus Motion Control

Wire Color Chart				
Pair #	Wire Color	Standard Functions	Functions With Remote Encoder	MDrive P1 Pin #
1	Black	Direction	Index -	14
	White	Step Clock	Index +	13
2	Black	Analog Input	Analog Input	12
	Green	Capture/Trip I/O	Capture/Trip I/O	11
3	Black	I/O 12	Channel B -	10
	Blue	I/O 11	Channel B +	9
4	Black	I/O 10	Channel A -	8
	Yellow	I/O 9	Channel A +	7
5	Black	I/O 4	I/O 4	6
	Brown	I/O 3	I/O 3	5
6	Black	I/O 2	I/O 2	4
	Orange	I/O 1	I/O 1	3
7	White	I/O Ground	I/O Ground	2
	Red	I/O Power	I/O Power	1



Cable Components

Connector Shell: JST PADP-14V-1-S
 Connector Pins: JST SPH-001T-P0.5L
 Cable: Belden P/N 8307



PD20-3400-FL3

Description

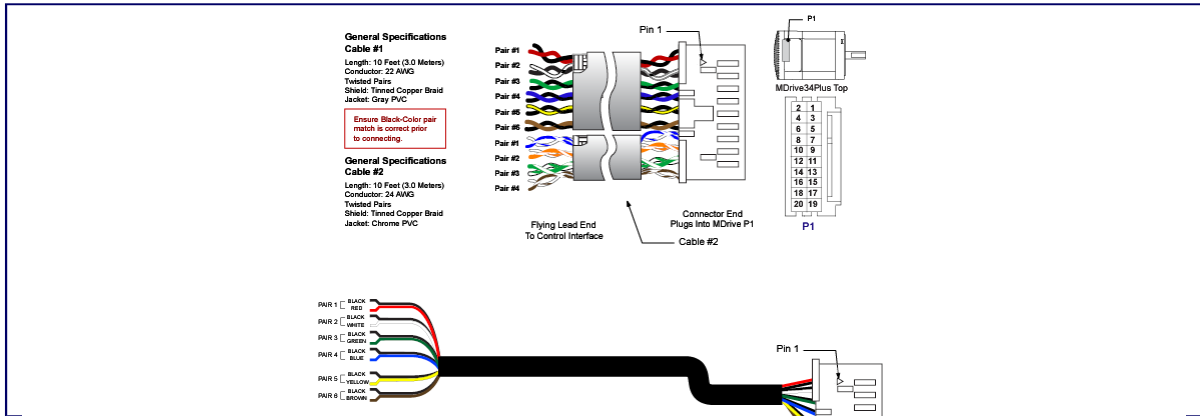
The PD20-3400-FL3 is a 10' (3.0 M) Prototype Development Cable used to connect to the 20-Pin Locking Wire Crimp Connector. The Connector end plugs into the P1 Connector of the MDrive34Plus with Optional Remote Encoder. This Prototype Development Cable consists of 2 cables paired together at the P1 end. The Flying Lead end of Cable #1 connects to a Control Interface such as a PLC. The Flying Lead End of Cable #2 Connects to the user-supplied Remote Encoder.

Applicable MDrivePlus Products

- MDrive34Plus² Motion Control w/Remote Encoder



Wire Color Chart			
Pair #	Wire Color	Standard Functions	MDrive P1 Pin #
Cable #1 Details			
1	Red	I/O Power	1
	White	I/O Ground	2
2	Orange	I/O 1	3
	Black	I/O 2	4
3	Brown	I/O 3	5
	Black	I/O 4	6
4	Yellow	I/O 9	7
	Black	I/O 10	8
5	Blue	I/O 11	9
	Black	I/O 12	10
6	Green	Capture/Trip I/O	11
	Black	Analog Input	12
7	White	Step Clock	13
	Black	Direction	14
Cable #2 Details			
1	White/Blue	Channel A +	15
	Blue/White	Channel A -	16
2	White/Orange	Channel B +	17
	Orange/White	Channel B -	18
3	White/Green	Index +	19
	Green/White	Index -	20



Cable Components

- Connector Shell: JST PADP-204V-1-S
- Connector Pins: JST SPH-001T-P0.5L
- Cable #1: Belden P/N 8307
- Cable #2: Belden P/N 8333

