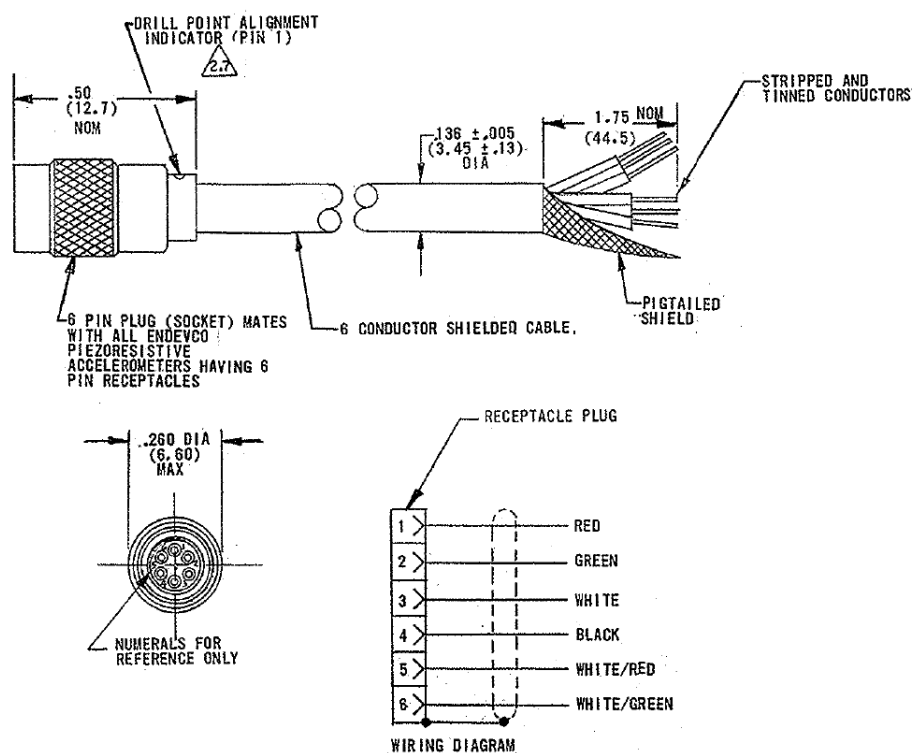


Six-conductor shielded cable assembly

Model 3023B



Endevco's model 3023B cable assembly is a six conductor, shielded cable with a miniature plug that mates with Endevco's 7292A accelerometer. The opposite end of the cable is terminated with pre-tinned pigtails. The silicone jacket provides for optimum flexibility along with high reliability. The shield connects to the case of the accelerometer.

The connector is designed so the threads will not engage if the cable's connector is not in alignment with the keyway. A permanent mark, on the connector identifies pin 1.

Key features

- For use with the model 7292A accelerometer
- Leads provided for shunt calibration

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Model 3023B

Specifications

All specifications are typical and taken at 75°F (24°C) unless otherwise noted.

Characteristics	Units	3023B
Connector		
Connector 1, transducer end		6-pin connector
Pin material		Gold plated
Connector material		Passivated stainless steel
Torque	in-lbs (Nm)	2 (0.225)
Lock wire holes		No
Connector 2, instrumentation end		Pigtails
Cable		
Color (1)		Natural
Outer jacket		Silicone rubber
Conductors		6
Conductor material		7/38 AWG, Silver plated copper
Conductor size	AWG	30
Primary insulation		Teflon ET
Cable type		6 conductor, shielded
Diameter	in (mm)	0.126 (3.20)
Shield material		Silver plated copper
Cable weight	gms/ft	5.5
Bend radius	in (mm)	0.136(3.45)
Raw cable part number		PN 13075
Environmental Characteristics		
Minimum temperature	°F (°C)	-100 (-73)
Maximum temperature	°F (°C)	250 (121)
Shock	g peak	10 000
Sinusoidal vibration	g peak	10
Electrical		
Insulation resistance at 100 VDC	G Ω	10, min.
Resistance	Ω/ft.	0.1

Six-conductor shielded cable assembly

Model 3023B

Length tolerance tabulation

Length inches (millimeters)	Tolerance inches (millimeters)
Up to 12 (304.8)	+ 1.0 (25.4)
13 to 36 (330.2 to 914)	+ 2.0 (50.8)
37 to 120 (939.8 to 3.05 meters)	+ 4.0 (101.6)
Over 120 (3.05 meters)	+4 (101.6) per 120 (3.05) or part thereof (+12 (3.05) = maximum tolerance)

Notes

1. Small color variations may occur during normal batch processing, but have no impact on product performance.

Ordering information

1. Specify 3023B-XXX where XXX = cable assembly length in inches
2. Standard lengths, in inches, are: 30
3. Maintain high levels of precision and accuracy using Endevco's factory calibration services. Call Endevco's inside sales force at 866-ENDEVCO for recommended intervals, pricing and turn-around time for these services as well as for quotations on our standard products.

Contact

ENDEVCO

www.endevco.com

Tel: +1 (866) ENDEVCO

[+1 (866) 363-3826]