MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

BENTLY NEVADA

84661-96

ARMORED SENSOR INTERCONNECT CABLE

Used with the applicable 330500 and 330525 Piezo Velocity Sensor configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Bently Nevada High Temperature Velomitor System Datasheet 141639 Rev. V

Ordering Information

For the detailed listing of country and product specific approvals, refer to the *Approvals Quick Reference Guide* (108M1756) available from Bently.com.

330750-AA-BB

A: Length	
20	2 meters
40	4 meters
60	6 meters
80	8 meters
B: Approvals	
0 5	Multiple Approvals (CSA, ATEX, and IECEx)

330752-AA-BB

A: Length	
25	2.5 meters
40	4 meters
60	6 meters
80	8 meters
B: Approvals	
0 5	Multiple Approvals (CSA, ATEX, and IECEx)

Interconnection Cables

The standard cable lengths below are available. You can order custom cable lengths in increments of one foot at additional cost. Some cables have a minimum and maximum length. For details, see each part description below.

Standard Cable Lengths

Feet	Meters (approximate)
6 ft	1.8 m
8 ft	2.4 m
10 ft	3.0 m
12 ft	3.6 m
15 ft	4.5 m
17 ft	5.0 m
20 ft	6.0 m
25 ft	7.6 m
30 ft	9.0 m
33 ft	10.0 m
50 ft	15.2 m
99 ft	30.0 m

Cable Part Numbers

Part number	Description
	When entering a part number, use 'NN' in the part numbers to specify the length (in feet) of the cable you want to order.
9571-NN	**Standard interconnect cable** Shielded 0.382 mm² (22 AWG) cable with a moisture-resistant female connector at the HTVS end and ring lugs at the monitor end. Temperature range -29°C to 121°C (-20°F to 250°F). See Standard Interconnect Cable on page 13.
84661-NN	**Standard armored interconnect cable** Stainless steel armor over shielded 0.382 mm² (22 AWG) cable with a moisture-resistant female connector at the HTVS end and ring lugs at the monitor end. Temperature range -29°C to 121°C (-20°F to 250°F). See Standard Armored Interconnect Cable on page 13.
89477-NN	**Right angle interconnect cable** Standard Armored Interconnect Cable. See Standard Right-angle Interconnect Cable on page 13.

Part number	Description
122129-NN	**Short run interconnect cable** Shielded 0.963 mm² (18 AWG) cable with a moisture-resistant female connector at the HTVS end and ring lugs at the monitor end. Temperature range -29°C to 121°C (-20°F to 250°F). See Short Run Interconnect Cable on page 14.
02173034	**CE installation interconnect cable (**required for CE installations)** Shielded 0.382 mm² (22 AWG) cable with a splash-proof boot over a female connector at the HTVS end and flush cut at the monitor end. Temperature range -55°C to 125°C (-67°F to 257°F). See CE Installation Interconnect Cable on page 14.
02173006	**0.963 mm² (18 AWG) bulk cable** Shielded twisted pair. Same cable as used on 89477-NN and 122129-NN. Specify the number of feet.
02173007	**0.382 mm² (22 AWG) bulk cable** Shielded twisted pair. Same cable as used on 9571-NN and 84661-NN. Specify the number of feet. The maximum length that should be used with the HTVS is 305 m (1000 ft)
00502025	**Spare connector** Same connector as used on 9571-NN and 84661-NN

The Velomitor requires a two-conductor cable. We recommend using a double-shielded cable to minimize noise interference.

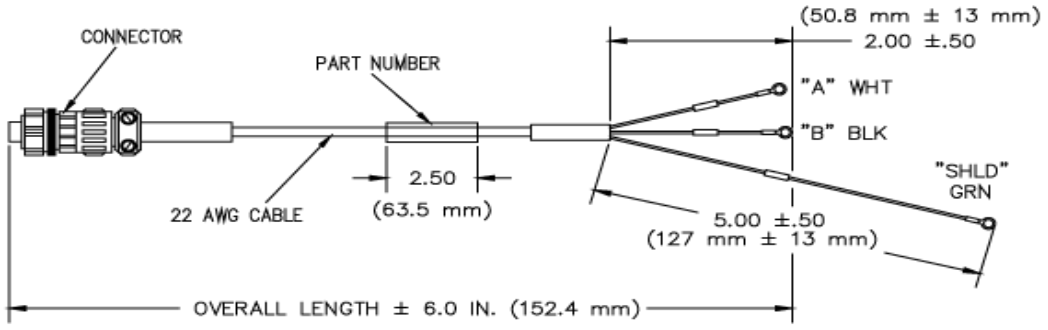


Figure 5: Standard Interconnect Cable

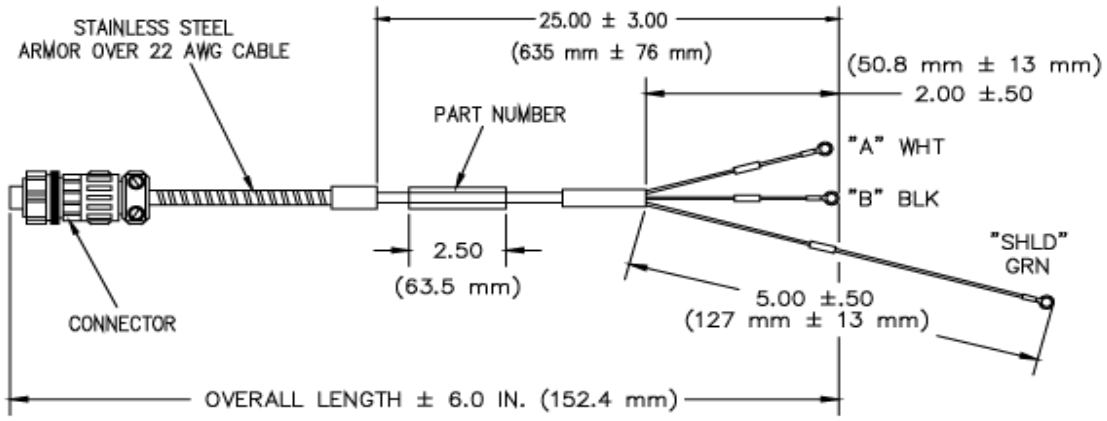


Figure 6: Standard Armored Interconnect Cable

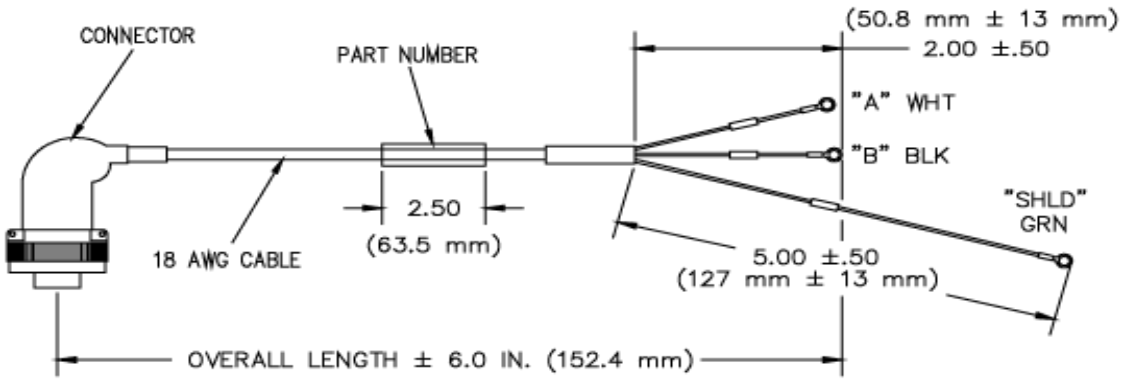


Figure 7: Standard Right-angle Interconnect Cable