

VELOMITOR SENSOR INTERCONNECT CABLES

Product Data Sheet

84661-08

Armored sensor interconnect cable

CABLE LENGTH	SIGNAL CONDUCTOR COUNT	CONDUCTOR SIZE	CONDUCTOR GEOMETRY
8 ft (2.4384 m)	2	22 AWG (0.382 mm ²)	Twisted pair

Bently Nevada 84661-08 is an eight-foot armored interconnect cable in the Velomitor sensor accessory range. It carries the output from a compatible velocity transducer to a vibration-monitoring instrument for machinery condition monitoring.

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VERIFIED TECHNICAL DATA

Cable length	8 ft (2.4384 m)
Signal conductor count	2
Conductor size	22 AWG (0.382 mm ²)
Conductor geometry	Twisted pair
Shielding construction	Shielded signal cable
Armor material	Stainless steel
Sensor-end connector	Moisture-resistant female connector
Monitor-end termination	Ring lugs
Cable temperature range	-29 to +121 deg C
Signal identification	A: white; B: black

ADDITIONAL PRODUCT DATA

Shield identification	SHLD: green
Signal breakout length	50.8 ±13 mm
Shield breakout length	127 ±13 mm
Monitor-end unarmored length	635 ±76 mm
Overall length tolerance	±152.4 mm

DOCUMENTED USE SETTINGS

Thermal Power Generation and Industrial Electricity Production: Thermal Electricity Generation Processes.

Petroleum Production and Natural Gas Processing: Petroleum Production Process Monitoring.

Industrial Pulp Processing and Paper Production: Pulp Production Process Monitoring.

SYSTEM COMPATIBILITY

84661-08 connects a compatible Velomitor sensor to its monitoring instrument. Match the sensor-end female connector and monitor terminal allocation with the documented installation.

PRODUCT EVIDENCE

Bently Nevada 141639 Rev V, cable table p8 and armored cable drawing p13.