

330400 AND 330425 ACCELEROMETER SYSTEM

Product Data Sheet

16710-12

Armored accelerometer cable

FUNCTION	FAMILY	ORIGIN	WEIGHT
Armored accelerometer cable	330400 and 330425 accelerometer system	United States	Confirm before dispatch

330400 and 330425 Accelerometer 16710-12 is a Armored accelerometer cable for the 330400 and 330425 accelerometer system. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Cable Part Number	16710-12
Cable Construction	3-conductor shielded 22 AWG armored cable
Conductor Size	22 AWG (0.5 mm ²)
Ordered Length	12 ft (3.6 m)
Sensor-End Termination	3-socket plug
Field-End Termination	Individual terminal lugs
Minimum Order Length	3 ft (0.9 m)
Maximum Order Length	99 ft (30 m)
Supported Transducers	330400 and 330425 accelerometers
Sensor Supply Reference	-24 ±0.5 V DC

ADDITIONAL PRODUCT DATA

Nominal Bias Current	2 mA
Output Bias Reference	-8.5 ±0.5 V DC
System Cable Limit	305 m (1000 ft)
Sensor Grounding	Case isolated
Commissioning Check	Verify continuity, shield and signal polarity

OFFICIAL APPLICATIONS

- Protect a 12-foot field connection: Use the armored 16710-12 where a short accelerometer route needs additional mechanical protection between the machine casing and nearby junction point.
- Secure the cable beside the sensor: Support the armor away from hot or moving surfaces, leave no load on the 3-socket plug and preserve the shield path to the terminal-lug end.
- Restore the original 3.6-metre route: Compare the removed length and armor condition, reproduce the documented routing, and confirm continuity, shield integrity and sensor bias after replacement.

SYSTEM COMPATIBILITY

Match 16710-12 to the installed 330400 and 330425 accelerometer system, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 330400 and 330425 Accelerometer Datasheet 141638 Rev AB](#)

<https://dam.bakerhughes.com/m/19b6525be7684676/original/330400-and-330425-Accelerometer-Acceleration-Transducers-Datasheet-141638-pdf.pdf>

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