

BENTLY NEVADA ACCELEROMETER SYSTEMS

Product Data Sheet

16925-12

shielded sensor interconnect cable

FUNCTION	FAMILY	ORIGIN	WEIGHT
shielded sensor interconnect cable	Bently Nevada accelerometer systems	United States	0.35 kg

330400 and 330425 Accelerometer 16925-12 is a shielded sensor interconnect cable for the Bently Nevada accelerometer systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	16925-12
Product Class	Shielded Sensor Interconnect Cable
Product Family	Bently Nevada accelerometer systems
Supply Class	24 V DC industrial
Interface	Manufacturer system interface
Channels	Model-defined I/O channels
Signal Standard	Industrial control signal levels
Isolation	Functional circuit isolation
Mounting	Control cabinet assembly
Diagnostics	Front status indication

Configuration	Manufacturer engineering software
Protection	IP20 installed equipment
Duty	Continuous industrial operation

- Govern process-fan protection with Shielded Sensor: As part of the fan bearings, shaft probes and motor frames, 16925-12 performs its assigned control role as a shielded sensor interconnect cable. During gas-flow adjustment, the system uses this function to observe rotor and casing behavior as fan duty changes, helping it protect a rotating asset that supports continuous production.
- Align gearbox condition monitoring during coast-down: For the coordinated operation of the gear meshes, bearings and speed references, 16925-12 handles its designated signal or control duty as a shielded sensor interconnect cable. During coast-down, the system uses this function to retain the signal trend as rotational speed decreases, helping it provide evidence for the next diagnostic review.
- Manage pipeline-pump diagnostics with Shielded Sensor: In the automation chain for the pump shafts, bearings and driver trains, 16925-12 supports the configured automation role as a shielded sensor interconnect cable. During pump switchover, the system uses this function to compare pump-train response before and after transfer, helping it confirm the standby train has accepted the duty.

Match 16925-12 to the installed Bently Nevada accelerometer systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Bently Nevada official product documentation and manufacturer catalog](#)