



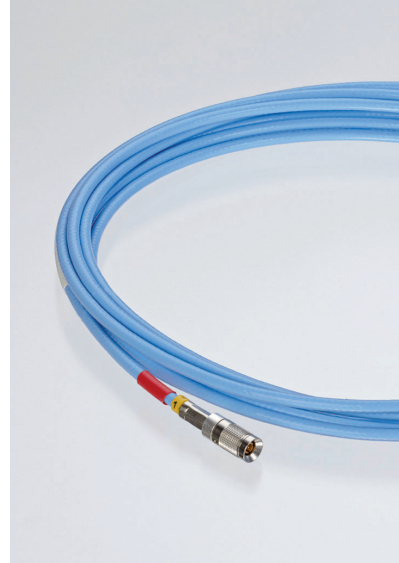
Brüel & Kjær Vibro



ECDS System Series ds821 and ds822

A new generation of non-contacting eddy-current displacement sensors

Series ds821 (standard) and Series ds822 (for hazardous areas)



Brüel & Kjær Vibro introduces the first members of a new family of eddy-current displacement sensors (ECDS systems). The **ds820** family* was developed in close cooperation with our customers and provides a valuable addition to our existing successful sensor portfolio.

Series ds821 & series ds822 both cover the measurement ranges of 4 mm and 2 mm**. **Series ds821** is designed for use in standard applications, **series ds822** is suitable for use in hazardous areas (ATEX). The system is designed for monitoring rotating and reciprocating machines with journal-bearings in a wide range of industrial applications. It covers vibration and reference measurement (e.g. radial shaft vibration and displacement, phase reference and speed measurement) as well as position measurement (e.g. axial shaft position, rod-drop/rod position).

*Other measurement ranges in ATEX and non-ATEX versions to follow.

**To be released soon



Some of the outstanding features of the **ds820** family:

- Autoselection of system length:
The same ECDS driver unit (OD) can be used for both 5 m and 10 m cable lengths, minimizing inventory costs and simplifying installation
- Push-pull self-latching connectors provide secure, fast and easy installation on site
- Excellent EMC performance
- Excellent temperature stability
- High-end ceramic probe cap for use in harsh surroundings

The new sensor systems have the same high standards of design, construction, performance and reliability as do all Brüel & Kjær Vibro displacement sensor systems. The proven quality plus the new connection concept make them ideal components for both machine protection and condition monitoring installations. Our in-house calibration service is at hand to ensure the systems can be used for many years.

Contact your local sales representative or go to www.bkvibro.com for more information on this sensor system and other Brüel & Kjær Vibro products.

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