**Press information**

**Simplified cylindric strain gauge installation**

**March 2021**

Installing cylindrical strain gauges - for testing strain, force and vibration measurement in screws and bolts - is much easier with a special new adhesive called EP70.

Used for connecting a wide variety of components such as motors, turbines, fans, generators, wheels and propellers, bolts are usually tubular, making it difficult to monitor their behaviour with a typically flat-shaped strain gauge. Cylindrically rolled strain gauges can be used instead, but their design is harder to mount onto test objects.

To overcome this issue test and measurement specialist, HBK, created the EP70 adhesive which enables engineers to fit cylindrical strain gauges safely and securely into screws and bolts. The glue cures under heat and is suitable for use in areas with a wide temperature range (from -40°C to 70°C) making it ideal for testing across many industries such as automotive, shipping and manufacturing.

More information about EP70 is available on HBK’s website: [www.hbm.com/en/9698/ep70-adhesive-for-cylindrical-strain-gauges](http://www.hbm.com/en/9698/ep70-adhesive-for-cylindrical-strain-gauges)

**Ends**

**About HBK – Hottinger Brüel & Kjær**

Industry market leaders HBM and Brüel & Kjær have joined forces as HBK - Hottinger, Brüel & Kjaer to form the world’s foremost provider of integrated test, measurement, control and simulation solutions.

HBK – Hottinger, Brüel & Kjaer provides a complete portfolio of solutions across the test and measurement product life cycle, that unites the physical world of sensors, testing and measurement with the digital world of simulation, modelling software and analysis. By creating a scalable and open data acquisition hardware, software and simulation ecosystem, product developers can cut time-to-market, drive innovation and take the lead in a highly competitive global marketplace.

For more information visit www.hbkworld.com