Product News

4B Milli-Speed 4-20 mA Analog Output Speed Sensor – ATEX Version now available

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An inductive sensing device located in the nose of the Milli-Speed enclosure will detect a ferrous metal target. This target can be an existing bolt head or device attached to a shaft, such as 4B's Whirligig® sensor mount. During installation, the Milli-Speed is set to the machine's normal running speed by simple magnetic calibration. The 4-20 mA output signal is automatically scaled for zero to full speed with over speed detection.

The Milli-Speed is fully encapsulated in a polycarbonate body that is corrosion and abrasion resistant, dust-tight and waterproof (IP67). Its approvals for explosive

atmospheres include: ATEX, IECEx and CCCEx; Zones 20, 21 & 22 for dust and Zones 0, 1 & 2 for gas.

Additionally, 4B's SpeedMaster can be used with the Milli-Speed to test the functionality after the initial installation and during routine maintenance procedures. The SpeedMaster is the only device that accurately tests the calibration of a speed switch, and allows testing of the alarm and shutdown features of the sensor while installed on the machine shaft.

Product Links

Webpage: https://go4b.co.uk/products/electronic-monitoring-equipment/speed-switches/milli-speed-switch/300

Datasheet: https://go4b.co.uk/sites/default/files/documents/electronics/datasheets/millispeed_uk.pdf

About 4B BRAIME COMPONENTS

Founded in 1971 as a subsidiary of The Braime Group, 4B Braime Components has been an industry leader in developing high quality, innovative, and dependable material handling components for the agricultural and industrial sectors.

4B's product line ranges from elevator buckets, elevator bolts and drop forged conveyor chain to level monitors, speed switches and hazard monitoring systems. With offices in North America, Europe, Asia, Africa and Australia along with a worldwide network of distributors, 4B can provide practical solutions for applications in any location.