PRESS INFORMATION

Leinfelden, April 2012

Insensitive to vibrations – the new CMS read heads

Read heads with Hall sensors are now available for the well-proven and reliable non-contact safety system CMS from EUCHNER.

The CMS system consists of three components: actuator, read head and evaluation unit. The actuators contain coded magnets, which are read out by the read heads. Compared to the standard read heads incorporating electromechanical contacts (reed contacts), the new read heads are based on purely electronic Hall sensors.

The use of Hall sensors greatly enhances the CMS system's insensitivity to external influences such as vibrations or shocks. Furthermore, the read heads with Hall sensors are absolutely free of wear, because they do not possess any electromechanical contacts.

The new CMS read heads can be connected in the familiar manner to the known evaluation units CMS-E-ER and CMS-E-FR from EUCHNER. A combination of CMS read heads with and without Hall sensors on the same evaluation is also possible without difficulty.

Depending on the application, EUCHNER offers two different designs of the CMS systems with Hall sensors. Like all products from the CMS series, the CMS designs with Hall sensors are characterized by their high degree of protection and compactness.

EUCHNER – More than safety.

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A brief profile: EUCHNER GmbH + Co. KG

EUCHNER GmbH + Co. KG in Leinfelden is an international family business and employs more than 500 staff worldwide. Fourteen sales subsidiaries, of which eight are in Europe, four in Asia and two in North and South America cover the globe along with 28 authorized sales offices. The Swabian company is managed by brothers Michael Euchner and Stefan Euchner. Switchgear has been developed at EUCHNER for more than 50 years. These devices are used primarily in the field of mechanical engineering. The company has a leading position in safety products. EUCHNER safety switches monitor the position of safety guards on machines and installations electro-mechanically and electronically with a high degree of reliability.

Further information on the company is available on the Internet at **www.euchner.com**

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