



Press Release

IECEX-certified processing units for intrinsically safe EGE sensors

EGE now offers IECEX-certified signal processing units for the growing range of IECEX-approved two-wire sensors. The certification greatly facilitates exporting the intrinsically safe sensors to many countries around the world – machine manufacturers and plant engineers can now use them in applications where they were previously barred or had to be specially certified in a tedious process. The type IKMb 122 Ex signal processing units connect to intrinsically safe EGE two-wire sensors for hazardous gas and dust atmospheres. They feature a space-saving, 22 mm wide DIN rail housing and are installed outside the hazardous area. Green, yellow, and red LEDs on the front side indicate the operating status and signal alarms, if the integrated cable breakage detection or the short-circuit monitoring is triggered. The output can be set as normally closed or normally open.



Illustration: The IECEX-certified signal processing unit for installation outside gas and dust explosion hazard zones connects to intrinsically safe two-wire sensors



Illustrations: IKMb_122_ex Char.s: 871
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About EGE

EGE-Elektronik Spezial-Sensoren GmbH has been developing and manufacturing special purpose sensors for automation applications since 1976. The company serves leading international producers from a wide range of industries. Its product portfolio includes flow controllers, infrared, opto and ultrasonic sensors, capacitive proximity switches, light barriers and inductive proximity switches. EGE also provides sensors for highly sensitive applications, e.g. hazardous areas. The development department's highly qualified staff cooperates closely with all customers, ensuring continuous product updates and enhancement. A total of 89 employees, including 20 engineers and technicians, generate gross sales of approx. 19.5 million Euros worldwide.

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