

Press Release

Proximity switch for Ex zone 0/20 for direct connection to 24 V

Introducing the IGEX20a inductive proximity switch, EGE provides a very compact sensor for zone 0/20 hazardous areas that can be used without additional amplifiers. IGEX20a is certified according to ATEX and IECEx. The IECEx certification simplifies worldwide use of the sensors. Certified for use in Ex zones 0 and 20, the proximity switches can be employed in hazardous areas with gas or dust atmospheres, for example in gas stations and facilities with gas-conveying parts. The switching function is indicated by an LED on the back of the device. The sensors are available in an M12, M18, or M30 design. Flush installation provided, the nominal switching distances are 2 mm, 5 mm, and 10 mm, depending on the design. The proximity switches are connected via a 2 m PUR cable. EGE supplies the sensors with different cable lengths on request.



Illustration: EGE supplies ATEX- and IECEx-compliant inductive proximity switches for zone 0/20 gas and dust hazardous areas



Illustrations: igex20a Char.s: 843

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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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