

Highlight

Inductive proximity sensors for hazardous areas and extreme environment



YOUR SENSOR SPECIALIST



Reliable detection of objects in hazardous areas



- New: IECEx certification
- Compact models with integrated electronics for Zone 0 / 20 and 2 / 22
- Inductive sensors for Ex-Zone 0 / 1 / 2 20 / 21 / 22
- For extreme temperatures –60 °C...+140 °C
- IP 68 / IP 69 – watertight and resistant to high pressure cleaning
- Stainless steel sensors for Zone 2 / 22

Intrinsically safe sensors for extreme temperatures - Ex Zone 0 / 20

The new intrinsically safe sensors IGEXPa and IGEXHa are designed for use in extreme environment. The series IGEXPa can be used at ambient temperatures from –60 °C...+60 °C. IGEXHa is designed to stand temperatures from –20 °C to +140 °C without any problems. They are delivered with an FEP cable and achieve IP 68 / IP 69 ingress protection for use in wet and rough industrial environments.

Ex-Amplifiers

In order to connect intrinsically safe sensors EGE provides the IKMb... ex-amplifier - series. Merely 22 mm wide, the device is suitable for space-saving installation on DIN rails. The amplifier's functions include integrated cable break detection and short circuit monitoring. LEDs on the amplifier's front side indicate the operating status and alarm messages. The amplifier provides a relay output.

Inductive sensors with integrated electronics for Zone 0 / 20

The series IGEX20a GSP feature a direct power supply (24 V DC) in Zone 0/20 and require no switching amplifier. The sensors achieve IP 67 ingress protection for use in rough industrial environments. The waterproof POLAR-Sensors of the series IGEX20Pa are suitable for temperatures down to –60 °C (IP 68). For excellent impact and shock resistance EGE provides single-piece stainless steel sensors Series IGVEX, which can be used in Zone 2/22.

More Information

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