

RECHNER SENSORS

26-Series Sensors with AtEx and StEx for Areas with Risk of Dust and Gas Explosion



RECHNER Sensors have designed a level control sensor that is specifically suited to handling the difficult task of level control of powders and liquids in areas that are rated as hazardous because of the risk of dust or gas explosion.

This sensor is ideal for replacing bulky vibro-rods, tuning forks, and paddle switches. With no moving parts and no place for material to build-up, the issue of mechanical failure is eliminated. You will never have to hit this sensor with a hammer!

The design of the 26-Series sensors not only implements a rounded tip at the sensing surface that reduces material build-up on its PTFE casing, but also includes a 3-Dimensional sensing surface inside the casing. Having a 3-Dimensional sensing surface is significant because it drastically increases the active area to greater than the active area of a standard 32mm diameter cylindrical body sensor. These properties allow the sensor to ignore a large volume of material build-up and solve the problem of dealing with compressible powders and non-conductive liquids.

Ideally suited for detecting:

- Materials in both Hazardous and Non-Hazardous environments
- Powders, including: Flours, non-abrasive Grains, and Pharmaceutical ingredients
- Liquids, including: Beers, Whiskeys, and non-conductive syrups
- Industries: Food, Baking, Pharmaceuticals, and Alcohols

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KA0444

KAS-80-26-A-200-PTFE-1"-StEx-N, ATEX

PNP

Non-Flush Mountable

Normally Open or Normally Closed

Process Connection: G 1 inch

2 Meter Cable

PTFE housing



KA0655

KAS-80-26-A-PTFE-1"-Y5-StEx-N, ATEX

PNP

Non-Flush Mountable

Normally Open or Normally Closed

Process Connection: G 1 inch

Y5 M12 Quick Disconnect
connector

PTFE housing with Metal
connector



The 26-Series is also available in 'non-hazardous area' versions with Rechner's proven EasyTeach functionality. Easy Teach by button (ET) for simplicity or Easy Teach by Wire (ETW) for remote teaching when the sensor is in an inaccessible, protected, or dangerous area. Tri-clamp and M22 versions are also available. Contact us for more information.

E-mail or phone for more information

Catalogs and Spec Sheets Available

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