

iDOL 46 ATEX Capacitive Relay Sensor

IECEX / ATEX / INMETRO approved for potential explosive dust atmospheres

Different Variants for Different Needs

iDOL 46 capacitive relay sensor is a 30 mm IECEX / ATEX / INMETRO approved sensor designed for general detection of feed, grain, and solids. A capacitive relay sensor is typically used as empty, full, and level indicator in tanks, silos, and containers.

For Potentially Explosive Dust Atmospheres

The iDOL 46 sensor is approved according to ATEX directive 2014/34/ EU, DEMKO 18 ATEX 1910X, IEC, and IECEX for operation in potentially explosive dust atmospheres. The sensor is classified for explosion group II, which concerns all remaining risk areas but mines.

A Flexible Sensor with Easy Adjustment

Using the user-friendly SmartAdjust app on your smartphone allows you to easily adjust the sensing distance, ON and/or OFF delay, and MaxRunTimer. The SmartAdjust app allows for more parameters to be available for the user, compared to a traditional capacitive sensor. The result is a more flexible sensor, which can be adapted to the individual need of the user.

Certifications



Variants

iDOL 46 ATEX comes with smooth housing and is equipped with NFC. Sensor can be controlled with SmartAdjust app.



iDOL 46 ATEX

Outputs

iDOL 46 ATEX comes with a 5-wire output.



5-wire