

FIS Cover Cop™

Cover Cop™

- The FIS Cover Cop sensor uses fiber optic technology which is highly favorable over electrical contact switches.
- The FIS Cover Cop sensor requires no electrical power at its location so it can be used in remote areas where there often is no power. It can be used in flammable atmospheres where no type of spark is allowed.
- The Cover Cop sensor's fiber optic based technology allows it to be used over much greater distances than copper based systems, which are dependent on wire gauge.
- Most importantly, the FIS Cover Cop sensor has NO external moving parts. The electrical contact switches typically have a lever arm that makes contact with the lid or door that it is sensing, these levers often "stick" and fail due to corrosion. The FIS Cover Cop sensor is magnetic so it does not require contact with the surface it is sensing, eliminating corrosive failure.

**5 YEAR
WARRANTY**
(Applies to component failure)



FEATURES

- *Low Cost*
- *Spark-Free sensing device*
- *Fiber optic based and requires no electrical power*
- *Long Range*
- *Has no external moving parts which can fail due to corrosion and mud buildup*
- *Sensor trips in <0.5 seconds, provides an instant alarm to monitoring station and gives location within seconds*
- *Adjustable mounting slots for easy installation*

SENSOR SPECIFICATIONS

Performance Specifications:

- **Fiber Type:** Corning SMF-28E+, 1.6mm jacket
- **Signal Wavelength:** 1310 nm
- **Insertion Loss:** <0.1dB (not including fusion splices)
- **Attenuation Range:** 0.5dB – 0.8dB +/- 0.1dB
- **Operating Temperature:** -30C to 63C (-22F to 145F)
- **Min Metal Contact Req:** 2" x 2" x 1/8"

Physical Specifications:

- **Dimensions:** 3.250"L x 2.375"W x 1.125"D
- **Approx Weight:** 6.0 oz
- **Maximum Target Distance:** 0.10"

WARNING!

This device contains a very strong magnet.



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