

Harsh Environment

Best Oil Field Encoders in the World!

Scancon Type 2QEX

ATEX



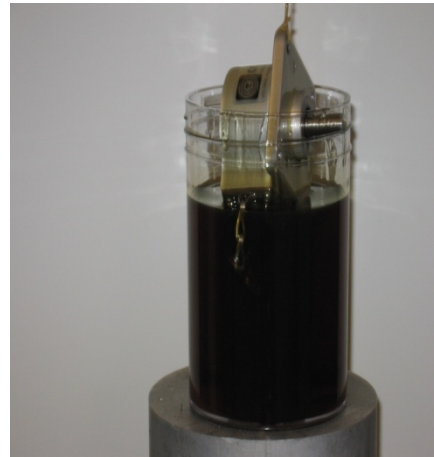
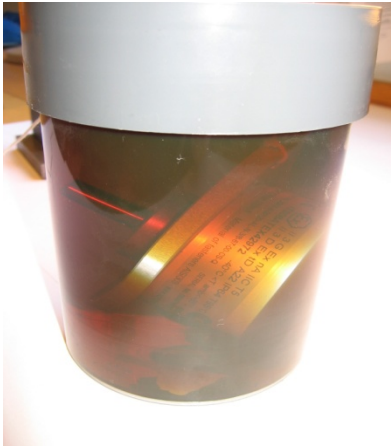
After listening to comments and concerns from numerous customers, Scancon developed an encoder specifically designed to meet the harsh environments associated with DRILLING and WIRELINE operations in the oil industry.

The 2QEX encoder is designed for the rugged conditions encountered at the drill site. With a shaft that is mechanically fixed in place and an unbreakable metal or mylar disk, the 2QEX is built to withstand the shock and vibration often encountered during operations around an oil rig.

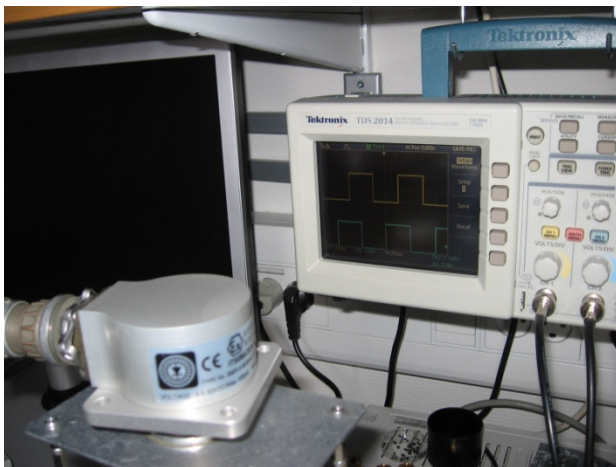
The 2QEX has an environmental rating of IP 67. The shaft seal is IP 67. The seal protecting against fluid ingress from the connector is located inside the encoder housing. Even if the connector is damaged, fluid cannot enter the encoder. In addition, the connector itself is rated IP 67.

In order to test the durability of the encoder, Scancon conducted a test in which a production model 2QEX encoder was submerged in motor oil (15W-40W) for 8 days.





After 8 days the encoder was removed from the oil. After cleaning the exterior, the encoder was tested to determine if there had been any damage due to immersion.



Test results indicated that the 2QEX encoder was working perfectly and that no damage or fluid ingress had occurred during immersion in oil.

Harsh environment tests such as this one indicate the ruggedness and superior design qualities of the 2QEX encoder. Sealed against fluids such as oil, vapors, formation water and drilling mud, the 2QEX is the most reliable encoder available for Oil Field applications

Scancon's 2QEX encoder provides the following:

- **Exceptional Reliability**
- **Easy Installation**
- **ATEX Certification**
- **Increased Profitability (ROI)**
- **Enhanced Performance**
- **Reduced Maintenance Activity**

Contact your local Scancon Representative for more information about the 2QEX and the ways it will improve your product's performance and reliability.