

## Non Contact Electronic Infrared Thermal Tripping Switch - ENC

The ENC is a non contact system consisting of a transmitter screwed on the body of fluid coupling, a proximity sensor and a processing base unit. The sensor is placed at a distance varying between 3 to 6 mm from the transmitter.

When the coupling is rotating and when the temperature of fluid couplings is less than 125 degrees, the transmitter emits pulse signal to the proximity sensor every time it passes. As soon as the temperature exceeds response temperature, transmitter stops emitting pulse signal and the base unit gives a relay output. The coupling is operational again after it has cooled down.

ENC system provides valuable safety and environment protection by avoiding spillage and loss of expensive operating fluid and fire hazardous hot oil spray.

Fusible plug of 160 degree centigrade +/- 5 degree must be used along with the system as a backup protection.

### ENC System

