

OILGUARD 1500



DESCRIPTION:

The Cordova OILGUARD 1500 is the perfect solution for differentiation of hydrocarbons and water in the energy industry. It can be installed in process piping at the plants, directly installed into your condensate tanks, installed in front of transfer pumps, used in saltwater disposal facilities, or anywhere else there is a need to understand when the flow changes from condensate to water or the reverse. Once conditions are met, the OILGUARD 1500 has the capability to pass an alarm signal to a PLC, and or even pass a signal capable of opening/closing process valves*.

Cordova's OILGUARD is unique in the industry as it is self-powered by a Lithium-Ion battery which allows the unit to be portable if necessary. If continuous power is available, the OILGUARD accepts 9-30VDC external power. The OILGUARD is housed in an explosion proof enclosure and is powered up by the provided magnet which also allows users to determine power down timing. A single multi-colored LED dictates the presence of condensate when the LED is red, and the presence of water when the LED is green for friendly user interface.

There are numerous applications for the OILGUARD 1500 and the ROI can be achieved in just a few uses in many cases!!!

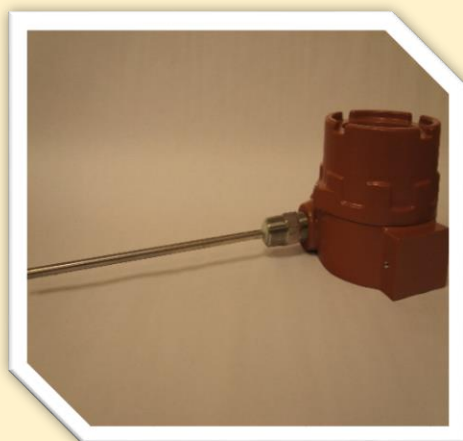
*In order for the OILGUARD 1500 to close/open valves, external power must be provided.

INSTALLATION:

The OILGUARD 1500 comes with ¼" x 8" long stainless steel probe with an external ½" MNPT which threads in easily to process lines or tank fittings. If necessary, the probe can be cut to appropriate length before installation (See OILGUARD 1500 Installation and Operation Guide). The OILGUARD is also equipped with a DPDT relay capable of passing an alarm signal or even controlling a valve to shut a process line once the OILGUARD dictates conditions. If external power or alarm signals are to be connected to the OILGUARD, all applicable electrical codes must be followed.

SPECIFICATIONS & FEATURES:

Enclosure	4" O.D. x 4"D Explosion Proof
External Wiring	1- ½" FNPT
Battery	10.8V Lithium-Ion
Min/Max Input Voltage	9-30VDC
External Power Current Consumption	166uA to 140mA
Recommended Wire Size for External Wiring	14AWG to 30AWG
Operating Temperature	-40°F to +149°F (-40°C to +65°C)
Sensing Probe	Stainless Steel w/Teflon® insulator
Sensing Probe Connection	½" MNPT
Sensing Probe Length	8"
Process Operating Pressure	250 PSI @185°F
Installation & Operation	See: "OILGUARD Installation and Operation Guide" @ www.cordovaflow.com



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