

INTROTEK

Excellence in Ultrasonic Technology™

AMETEK

introtek.com



Non-invasive Drip Detect Sensor

Farm Irrigation Equipment | Vertical Turbine Pumps | Wind Turbine Systems | Center Pivot Irrigation Systems

The Introtek Non-invasive Drip Detect Sensor is specifically designed to provide real-time monitoring of oil and fluid drip rates, where drip detection is critical in oil-lubricated vertical turbine irrigation well pumps and similar type equipment. The non-invasive design concept facilitates contact-free drip detect through oil flow sight glass. Should the sensor detect a drip rate (flow) below a specified threshold, the pump can be shut down. By ensuring consistent lubrication during pump operations, this drip detect sensor can prolong a pump's life span, prevent costly equipment repairs and replacement, and help save money on oil consumption. Fully integrated electronics yield a compact design that can be customized to meet your specific application.

PRODUCT FEATURES

- Non-invasive optical
- Detects clogged or pinched delivery line
- Low power consumption
- Low cost
- Reduces pump maintenance costs
- Maintenance free and easy to install
- Custom configurations & options available upon request

Non-invasive Drip Detect Sensor
Model 058-7299-001



INDUSTRIES

- Agricultural Irrigation
- Vertical Turbine Pumps
- Wind Turbine Energy Generation
- Food and Beverage
- Process Industries
- Aerospace



The Introtek Advantage

Introtek provides products of unsurpassed quality, functionality, and dependability that are manufactured to the highest quality standards and backed by our Introtek warranty.

GENERAL CHARACTERISTICS/TECHNICAL DATA

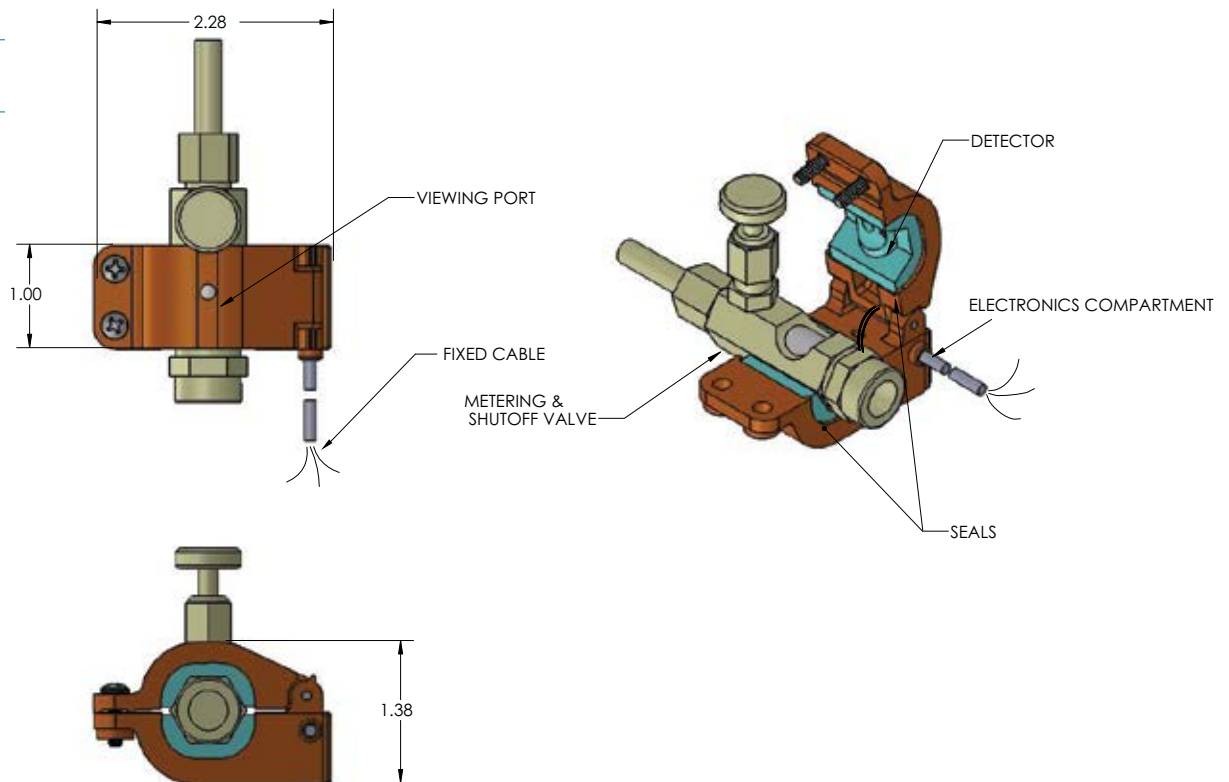
Medium/Liquid	Various Fluids
Measurement Technology	Optical
Sensor Housing	Polymer
Mounting	Fixed Installation
Supply Voltage	5, 12, 24VDC
Output	CMOS (other options available)
Standard Configuration	3-wire Connection



MECHANICAL SPECS

Dimensions in inches

Specifications shown are with typical needle shutoff valve with sight.



ONE-YEAR WARRANTY

This product is warranted free of defects in materials and workmanship for one year from the date of original factory shipment.

If returned within the warranty period, with no modifications to the sensor, the original manufacturing label intact, and, upon factory inspection of the unit, the cause of the malfunction is determined to be defective material or workmanship, Introtek will repair or replace the system at no cost to the purchaser (or owner) other than transportation. **If a unit is returned without an original label, the warranty is void.**

Introtek shall not be liable for misapplication, labor claims, direct or consequential damage or expense arising from the installation or use of the equipment. There are no other warranties expressed or implied except special written warranties covering some Introtek products.

INTROTEK / **AMETEK**[®]

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Performance specifications are effective with date of issue and are subject to change without notice.



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