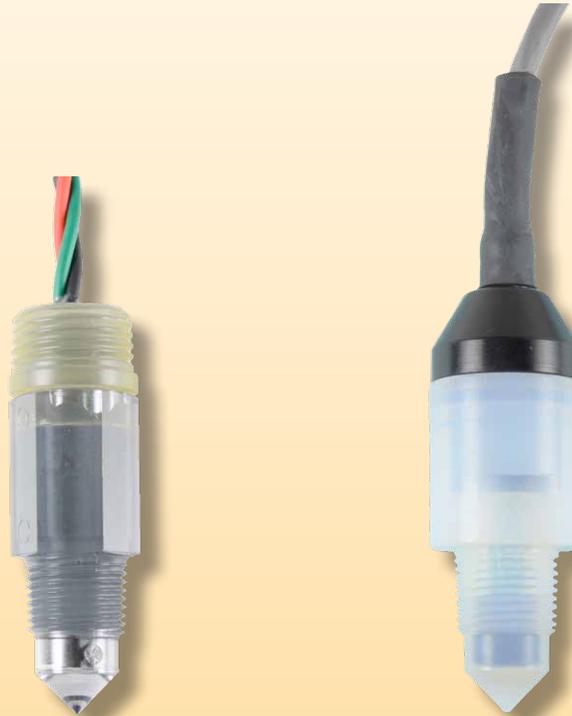


## Optical Level Sensor for Liquids



measuring  
•  
monitoring  
•  
analyzing

TED



- Polysulfone or PFA Body
- Compatible with Most Liquids
- Resistant to Lens Coating
- No Moving Parts
- No Adjustment or Calibration Needed
- Economical



Order from: **C A Briggs Company**  
622 Mary Street; Suite 101; Warminster, PA 18974  
Phone: 267-673-8117 - Fax: 267-673-8118  
[Sales@cabriggs.com](mailto:Sales@cabriggs.com) - [www.cabriggs.com](http://www.cabriggs.com)

KOBOLD Instruments, Inc.  
1801 Parkway View Drive  
Pittsburgh, PA 15205



**Description**

The KOBOLD TED series electro-optic level switch operates independent of liquid properties, such as: color, viscosity, dielectric constant, density, conductivity, contamination and temperature. It is compact, self-contained, and is an all solid state design. Reliability and operational consistency is ensured by use of a design that contains no moving or wearing parts. Installation is simple: thread the body into a container, reservoir or pipe. The body is available in polysulfone or PFA and can accommodate a variety of containers and chemicals. For applications requiring dry contacts or a greater electrical switching capacity, consider pairing the TED with the KOBOLD RL-59xx series power supply/relay module.



**Specifications**

**Switch Output:** NPN Open-Collector, N/O Dry  
300 mA Max. Load

**Supply Voltage:** 5-35 V<sub>DC</sub>

**Supply Current:** 33 mA (Excluding Load)

**Wire Leads:** 18 inches

**Wetted Parts**

**Polysulfone:** Polysulfone  
**PFA:** PFA

**Maximum Pressure**

**Polysulfone:** 200 PSIG  
**PFA:** 200 PSIG

**Process Connection**

**Polysulfone:** 3/8" NPT  
**PFA:** 3/8" NPT  
**Conduit:** 1/2" NPSH (PSU Only)

**Operating Temperature:** -40...230 °F

**Storage Temperature:** -67...257 °F

**Order Details** (Example: **TED-3611**)

Material	Supply Voltage	Function	Model
Polysulfone	5-35 V <sub>DC</sub>	N/O	<b>TED-2511F</b>
PFA	5-35 V <sub>DC</sub>	N/O	<b>TED-3611</b>

**Operating Principle**

