

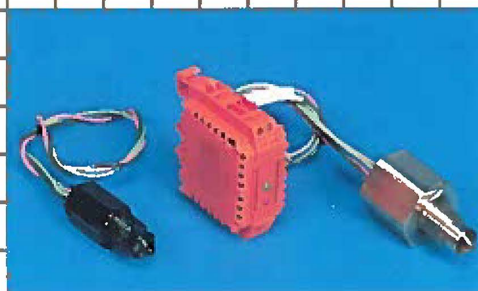
Tedeco Division

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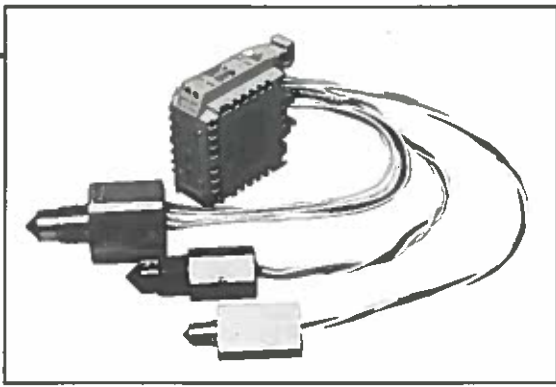
HERBER

**Industrial Fluid System
Products**



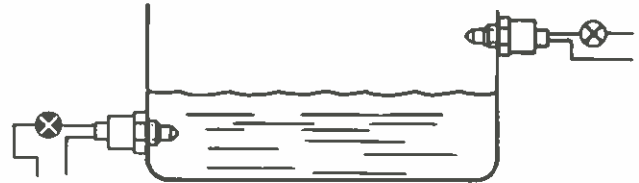
Made in U.S.A.

LevelPro Sensors



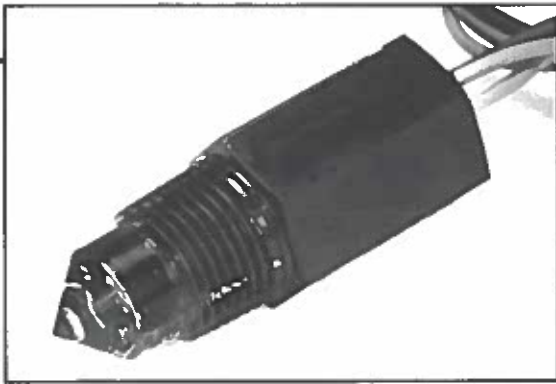
The Tedeco LevelPro is a self contained, solid-state liquid sensor. It works by the refraction of light from an internal L.E.D. through the liquid being sensed — using no moving parts. Operation is virtually independent of liquid color, viscosity, dielectric constant, conductivity, contamination, foaming, vapor or ice. Hermetically sealed and independent of mounting position; up, down, angular; electrical parts are not in contact with the liquid.

The circuitry of these liquid level sensors can be arranged to show either the presence or absence of liquid. Time delays, to offset the effects of sloshing or swirling liquid, and special input voltages are available.



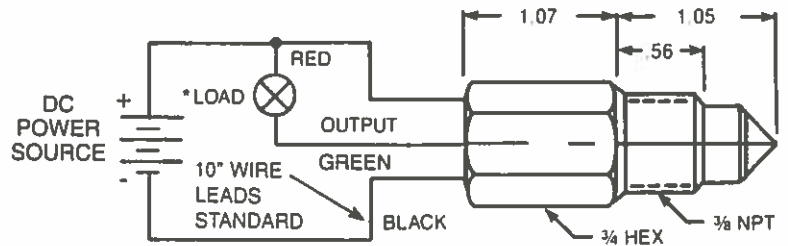
Caution: When mounting any unit with a polysulfone housing, do not exceed 35 in. lbs. torque.

The point at which the sensor is activated is $\pm 0.10''$ measured from the center of the prism for horizontal installation.



MLO-250 SERIES, D.C. SUPPLY

The MLO-250 series combines LevelPro technology with low cost high reliability, corrosion resistant materials, solid state – no moving parts– and maintenance free operation. Both housing and prism are molded from a single piece of polysulfone material.



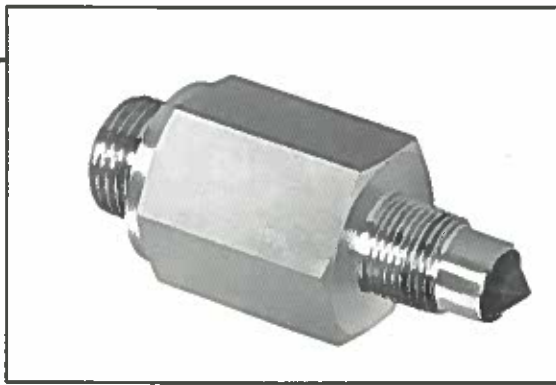
*Load must limit current to specified output level.

Standard Features

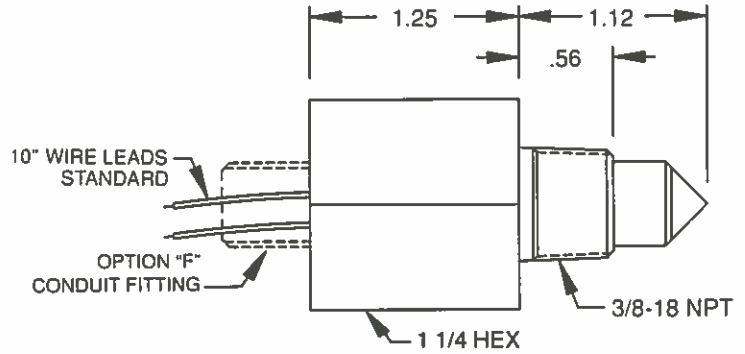
- Operating Temperature: -40°F to +230°F (-40°C to +110°C)
- Maximum Operating Pressure: 200 psi
- Input Voltage: 5-24 VDC
In three ranges (see chart).
- Output Current (Open Collector Transistor): 25 to 300 mA max.
(see chart)
- Wrench Hex: 0.75 in.
- Installation Fitting: 3/8-18 NPT.
- Special Features: SR= Strain Relief
F= Conduit Fitting

Model	D.C. Input Voltage (nominal)	Output Max. mA	Prism in Liquid Output is
MLO-250-01	5	25	On
MLO-250-02	5	25	Off
MLO-250-11	12	25	On
MLO-250-12	12	25	Off
MLO-250-21	24	25	On
MLO-250-22	24	25	Off
MLO-251-01	5	300	On
MLO-251-02	5	300	Off
MLO-251-11	12	300	On
MLO-251-12	12	300	Off
MLO-251-21	24	300	On
MLO-251-22	24	300	Off

All dimensions in inches unless specified otherwise.



■ MLO-140 SERIES, D.C. SUPPLY

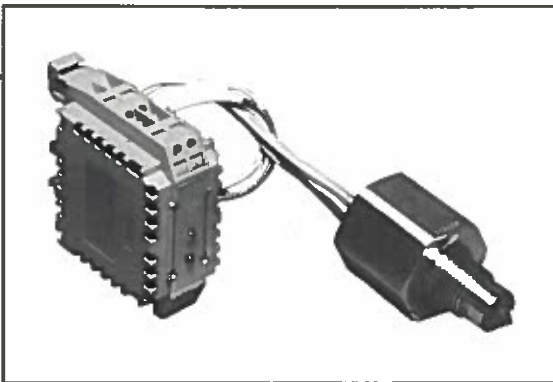


Standard Features

- Operating Temperature: -67°F to +257°F (-55°C to +125°C)
- Maximum Operating Pressure: 200 psi on Prism Face*
- Input Voltage: 9-28 VDC
In two ranges* (see chart).
- Output Current (Open Collector Transistor): 100 mA max.*
- Dimensions: As per figure above.
- Wrench Hex: 1.25 in.
- Installation Fitting: 3/8-18 NPT.
- Special Features: F= Conduit Fitting

*Other ratings available on special order.

Model	D.C. Input Voltage	Time Delay (sec.)	Material		Prism in Liquid Output is
			Housing	Prism	
MLO-140-05	9-16	—	S.S.	Glass	Off
MLO-140-06	9-16	5	S.S.	Glass	Off
MLO-140-07	9-16	—	S.S.	Glass	On
MLO-140-08	9-16	5	S.S.	Glass	On
MLO-140-25	20-28	—	S.S.	Glass	Off
MLO-140-26	20-28	5	S.S.	Glass	Off
MLO-140-27	20-28	—	S.S.	Glass	On
MLO-140-28	20-28	5	S.S.	Glass	On



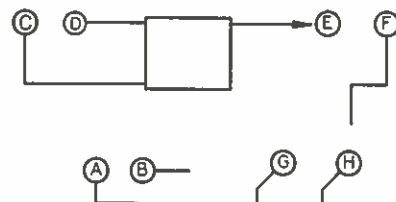
LevelPro Indicating Module

■ MODEL 3P3150 SERIES, D.C. POWER AND LED ANNUNCIATION

Model 3P3150 series modules provides D.C. power and LED annunciation for the electro-optic sensors shown on pages 2 and 3. A SPDT dry relay contact, which can be used as a pump motor control, for example, is included in this package. This unit is DIN rail mountable and is available in several input voltage configurations.

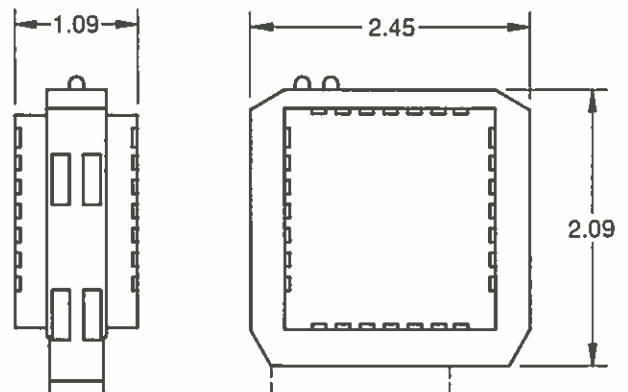
Specifications

- Input Voltage: Model 3P3150-1 12-28 VAC/VDC
Model 3P3150-2 90-150 VAC, 50-60 Hz
Model 3P3150-3 200-250 VAC, 50-60 Hz
- Sensor Supply Voltage: 12 VDC
- Output: SPDT, 10 Amp (resistive)
- Operating Temperature: 0°F to +130°F (-18°C to +54°C)
(0-95% relative humidity non-condensing)
- Physical: DIN rail mount
- Indicators: LED Power On
Sensor On



Terminals:

- | | |
|----------------------|------|
| A Power In | F NO |
| B Power In | G C |
| C DC Out + | H NC |
| D DC Out - | |
| E Signal From Sensor | |



All dimensions in inches unless specified otherwise.