Greyline

LIT25

Technical Specifications:

The Greyline LIT25 Level Indicating Transmitter displays, controls and transmits level. Mount the non-contacting ultrasonic sensor at the top of your tank and the compact, watertight electronics/display enclosure at a convenient location nearby. Operators can calibrate the LIT25 with its 2-button keypad, without climbing the tank.

GENERAL SPECIFICATIONS

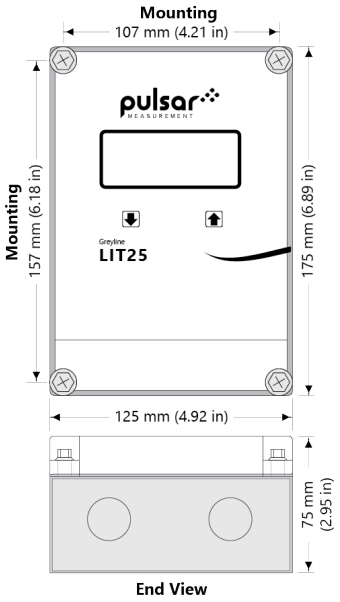
Programming:	Built-in 2-button keypad with menu selection. Calibration parameters are permanent when stored (even through a power interruption)
Electronics Enclosure:	NEMA4X (IP66) polycarbonate with clear, shatterproof cover
Accuracy:	±0.25% of Range or 2 mm (0.08 in), whichever is greater
Display:	Large (19 mm (0.8 in) high) 4 digit LCD
Power Input:	100-130 V AC 50/60 Hz, 5 W maximum
Analog Output:	Isolated 4-20mA, 1 kΩ load maximum
Signal Relays:	Qty 1, rated 120/240 V AC or 24 V DC, 1 ampere, programmable for level alarm, echo loss alarm, pump control, or temperature alarm
Temperature Compensation:	Temperature probe inside level sensor for high accuracy in changing temperatures
Operating Temp. (Electronics):	-25 °C to +60 °C (-13 °F to +140 °F)
Approximate Shipping Weight:	2.7 kg (6 lb)

TRANSDUCER SPECIFICATIONS

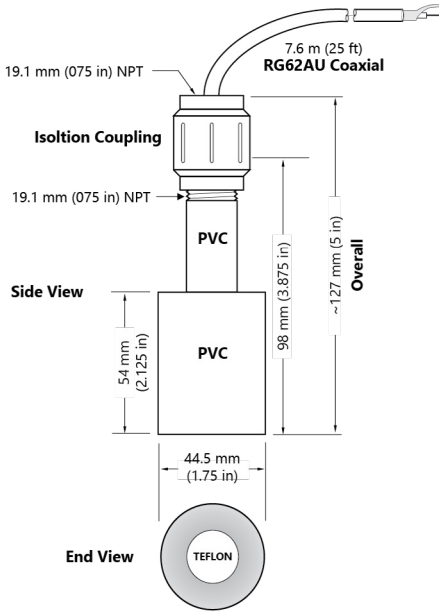
Maximum Range:	9.7 m (32 ft)
Deadband (Blanking):	Programmable, Minimum 305 mm (12 in)
Beam Angle:	8° Locate 0.3 m (12 in) from tank sidewall for every 3 m (10 ft) depth
Operating Frequency:	42 KHz
Exposed Materials:	PVC and Teflon
Operating Temperature:	-40 °C to 65 °C (-40 °F to 150 °F)
Operating Pressure:	1.4 bar (20 psi) maximum
Sensor Cable:	RG62AU coaxial, 7.6 m (25 ft) standard length (See Options)

POPULAR OPTIONS

Sensors:	All Teflon construction / flange mount / 15.2 m (50 ft) range
Hazardous Locations:	Intrinsically safe Sensors CSA rated Class I, II, III, Div. I, II, Groups C, D, E, F, G
Sensor Cable:	15.2 m (50 ft) RG62AU coaxial continuous from Sensor, or splice up to 152.4 m (500 ft)
Sensor Cable Junction Box:	Watertight NEMA4 steel with connection terminal strip
Power Input:	200-250 V AC 50/60 Hz, 12 V DC or 24 V DC
Enclosure Panel Mount:	Flange assembly mounts standard enclosure



Greyline LIT25 electronics enclosure dimensions



PZ32T sensor

Delivering the Measure of Possibility

Pulsar Measurement offers worldwide professional support for all of our products, and our newtork of global partners all offer full support and training. Our facilities in Malvern, UK and Largo, USA are home to technical support teams who are always available to answer your call or attend your site when required. Our global presence, with direct offices in the UK, USA, Canada, and Malaysia allow us to create close relationships with our customers and provide service, support, training, and information throughout the lifetime of your product.

By taking a step forward in echo processing technology, Pulsar Measurement addresses applications previously thought to be beyond the scope of ultrasonic measurement. This technology improves signal processing at the transducer head which has made it possible to increase resistance to electrical noise, enabling the transducer to 'zone in' on the true echo.

For more information, please visit our website:

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