PULSAR MEASUREMENT

Level Indicating Transmitter

Model   LIT25 -__-__-__-__-__

Approximate shipping weight: 4 lbs / 2.7 kg

LIT25 STANDARD FEATURES:

- sensor – PZ32T, PVC and Teflon, 32ft / 10 m range
- sensor cable – 25 ft / 7.6m coaxial
- enclosure - watertight, dust tight NEMA4X (IP67) polycarbonate
- programming - built-in 2 button keypad
- calibration - selectable Level or Range mode
- display - large 4-digit LCD - inches, cm or percent
- temperature compensation - automatic
- output - isolated 4-20mA (1000 ohm)
- 1 signal Relay - 1 amp, for ON/OFF level control, temperature or echo loss
- power input - 100-130VAC 50/60Hz, 5 watts maximum
- electrical surge protection - sensor, AC power and 4-20mA output
- 1 Manual - Installation and Operation

TRANSMITTER - POWER INPUT

Standard 100-130VAC 50/60Hz	A
200-250VAC 50/60Hz	B
24VDC	C
12VDC	D

ELECTRONICS PROTECTION

Standard - no circuit board coating or enclosure heater	1
Conformal Coating ("tropicalized") for moist atmospheres	2
Enclosure Heater and Thermostat (AC only, 15 Watts)	3
Enclosure Heater and Thermostat (AC only), plus Conformal Coated electronics	4

SENSOR *(with 25 ft / 7.6m cable and built-in temperature compensation)*

Standard PZ32T, PVC and Teflon (32 ft / 10 m range on liquids)	A
PZ32TE All Teflon (32 ft / 10 m range on liquids)	E
PZ34T4F Flange Mount, 4" with Teflon face (32 ft/10m range)	F
PZ34T6F Flange Mount, 6" with Teflon face (32 ft/10m range)	G
PZ34 PVC (16" / 406.4 mm deadband, 32 ft / 10 m range on liquids)	L
PZ15 PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)	M
PZ15-LP Low-Profile, PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)	N
PZ56 PVC (16" / 406.4 mm deadband, 50 ft /15.25 m range on liquids)	T

INTRINSIC SAFETY

Standard (General Purpose locations / not Intrinsically Safe)	1
ISB Intrinsic Safety Barrier for any Ultrasonic Sensor rated for Class I, Div 1, Groups C,D; Class II, Groups E,F,G; Class III; Encl. Type 4	2

ULTRASONIC SENSOR CABLE

Standard length 25 ft / 7.6 m RG62AU coaxial	A
50 ft / 15 m Continuous RG62AU coaxial	B
100 ft / 30 m Continuous RG62AU coaxial (see Accessories for longer lengths)	C

OPTIONS AND ACCESSORIES

QTY	CODE	DESCRIPTION	
	XC	Extra sensor cable up to 500 ft / 152 m	
	JB2X	Sensor cable Junction Box, NEMA4X/IP66 polycarbonate	
	SNUB	Snubber – Noise Suppresser for Relay	
	PZS	Sensor Sunscreen (iridite aluminum)	
	SBMS[1]	Sensor Submergence Shield (PVC)	
	SP1	Lightning/Surge Protection in NEMA13,12 Steel Enclosure	

[1] Only compatible with PZ15 and PZ34 sensors

SPARE/REPLACEMENT ULTRASONIC SENSORS (25 ft / 7.6 m Cable and Temperature Compensation)
*IMPORTANT – Provide Instrument Serial number when ordering replacements

	PZ32T	PVC & Teflon (12"/305mm deadband, 32ft/10m range) with 25ft/7.6m cable	
	PZ32T-25XC	PVC & Teflon (12"/305mm deadband, 32ft/10m range) with 50ft/15.2m cable	
	PZ32T-75XC	PVC $ Teflon (12"/305mm deadband, 32ft/10m range) with 100ft/30.5m cable	
	PZ32TE	All Teflon (same specs as PZ32T, but rated to 170°F/76°C)	
	PZ32TE-25XC	All Teflon (same specs as PZ32T-25XC, but rated to 170°F/76°C)	
	PZ32TE-75XC	All Teflon (same specs as PZ32T-75XC, but rated to 170°F/76°C)	
	PZ34	PVC, (12"/305mm deadband, 32ft/10m range) with 25ft/7.6m cable	
	PZ34-25XC	PVC, (12"/305mm deadband, 32ft/10m range) with 50ft/15.2m cable	
	PZ34-75XC	PVC, (12"/305mm deadband, 32ft/10m range) with 100ft/30.5m cable	
	PZ34T4F	Flange Mount, 4" with Teflon face (32 ft/10m range) with 25ft/7.6m cable	
	PZ34T4F-25XC	Flange Mount, 4" with Teflon face (32 ft/10m range) with 50ft/15.2m cable	
	PZ34T4F-75XC	Flange Mount, 4" with Teflon face (32 ft/10m range) with 100ft/30.5m cable	
	PZ34T6F	Flange Mount, 6" with Teflon face (32 ft/10m range) with 25ft/7.6m cable	
	PZ34T6F-25XC	Flange Mount, 6" with Teflon face (32 ft/10m range) with 50ft/15.2m cable	
	PZ34T6F-75XC	Flange Mount, 6" with Teflon face (32 ft/10m range) with 100ft/30.5m cable	
	PZ56	PVC, 16"/406mm deadband, 50ft/15.6m range, 50ft/15.6m cable	
	PZ56-25XC	PVC, 16"/406mm deadband, 50ft/15.6m range, 50ft/15.6m cable	
	PZ56-75XC	PVC, 16"/406mm deadband, 50ft/15.6m range, 50ft/15.6m cable	
	PZ15	PVC, (8"/203mm deadband, 15ft/4.6m range) with 25ft/7.6m cable	
	PZ15-25XC	PVC, (8"/203mm deadband, 15ft/4.6m range) with 50ft/15.2m cable	
	PZ15-75XC	PVC, (8"/203mm deadband, 15ft/4.6m range) with 100ft/30.5m cable	
	PZ15-LP[1]	Low profile, PVC with 25 ft / 7.6 m cable	
	PZ15-LP-25XC[2]	Low profile, PVC with 50 ft / 15 m cable	
	PZ15-LP-75XC[2]	Low profile, PVC with 100 ft / 30 m cable	

[2] Sensors include MB15 mounting bracket