

LIT25 Level Indicating Transmitter

Approximate shipping weight: 4 lbs / 2.7 kg

Model

Please configure model on next page

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



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Model

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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 coating		4

SENSOR (with 25ft/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

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

TRANSDUCER CABLE LENGTH

Standard length 25 ft / 7.6 m		A
50 ft / 15 m		B
100 ft / 30 m		C

OPTIONS AND ACCESSORIES

Code	Description	
XC	Extra sensor cable up to 500 ft / 152 m, price per foot	
JB2X	Sensor cable Junction Box, NEMA4X/IP66 polycarbonate	
SNUB	Snubber – Noise Suppressor 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**

Code	Description	
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	
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 ²	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