

Level Indicating Transmitter

Approximate shipping weight: 6 lbs / 2.7 kg

Model

LIT25 - - - - -

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
PZ34T8F Flange Mount, 8" with Teflon face (32 ft/10m range)	H
PZ52T, PVC and Teflon rated to 50 ft / 15.6 m range	J
Sensor with Non-Standard Flange Size	K
PZ34 PVC (16" / 406.4 mm deadband, 32 ft / 10 m range on liquids)	L
Pressure Sensor (4-20mA loop-powered) (Select from Pressure Sensor list on Page 2)	P
PZ15 PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)	M
PZ12-LP Low-Profile, PVC (8" / 203.2 mm deadband, 12' / 3.66 m Max. range)	N
PZ12T3F Flange Mount 3" Sched 80 PVC with Teflon face (12' / 3.66 m range)	Q
PZ12T4F Flange Mount 4" Sched 80 PVC with Teflon face (12' / 3.66 m range)	R
PZ12T6F Flange Mount 6" Sched 80 PVC with Teflon face (12' / 3.66 m range)	S
PZ12T8F Flange Mount 8" Sched 80 PVC with Teflon face (12' / 3.66 m range)	T

INTRINSIC SAFETY

Standard (General Purpose locations / not Intrinsically Safe)	1
ISB Intrinsic Safety Barrier for any Ultrasonic Sensor rated Class I, Div. I,II, Groups C,D,E,F,G hazardous locations (larger enclosure used)	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
No Ultrasonic Sensor Cable (Pressure Sensor option)	0

OPTIONS AND ACCESSORIES

QTY	CODE	DESCRIPTION	
	XC	Extra sensor cable up to 500 ft / 152 m	
	JB	Sensor cable Junction Box, NEMA4 steel	
	SNUB	Snubber – Noise Suppressor for Relay	
	PM2	Panel Mount kit – Mounts standard enclosure in Panel	
	PM2L	Large Panel Mount for larger enclosure with Intrinsic Safety option	
	PZS	Sensor Sunscreen (iridite aluminum)	
	SBMS	Sensor Submergence Shield (PVC)	
	CHS	Spare set Electronics with Mounting Chassis	
	MNL	Additional Manuals (One supplied with each unit)	
	SP1	Lightning/Surge Protection in NEMA4 Steel Enclosure	
	740-5066	Replacement fuse - 0.5 amp	
	DMS-30	Loop powered 3-1/2 digit LCD display	
	AK10	Sensor Aiming Kit	
SPARE/REPLACEMENT ULTRASONIC SENSORS (25 ft / 7.6 m Cable and Temperature Compensation)			
*IMPORTANT – Provide Instrument Serial number when ordering replacements			
	PZ32T	(Standard) PVC and teflon (32 ft/10m range)	
	PZ32TE	All Teflon (32 ft / 10 m range on liquids, rated to temperature 170°F/76°C)	
	PZ34	PVC (16" / 406.4 mm deadband, 32 ft / 10 m range on liquids)	
	PZ34T4F	Flange Mount, 4" with Teflon face (32 ft/10m range)	
	PZ34T6F	Flange Mount, 6" with Teflon face (32 ft/10m range)	
	PZ34T8F	Flange Mount, 8" with Teflon face (32 ft/10m range)	
	PZ52T	PVC and Teflon (50 ft/15.6 m range)	
	PZ15	PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)	
	PZ12-LP	Low-Profile, PVC (8" / 203.2 mm deadband, 12' / 3.66 m Max. range)	
	PZ12T3F	Flange Mount 3" Sched 80 PVC with Teflon face (12' / 3.66 m range)	
	PZ12T4F	Flange Mount 4" Sched 80 PVC with Teflon face (12' / 3.66 m range)	
	PZ12T6F	Flange Mount 6" Sched 80 PVC with Teflon face (12' / 3.66 m range)	
	PZ12T8F	Flange Mount 8" Sched 80 PVC with Teflon face (12' / 3.66 m range)	
PRESSURE SENSORS			
	PS11S	Submersible 5 psi (11 ft) / 0.3 bar (3 m), 20 ft / 6 m cable	
	PS11T	1/4" Threaded 5 psi (11 ft) / 0.3 bar (3 m), 2 ft / 0.6 m cable	
	PS17S	Submersible 7.5 psi (17 ft) / 0.5 bar (5 m), 23 ft / 7 m cable	
	PS17T	1/4" Threaded 7.5 psi (17 ft) / 0.5 bar (5 m), 2 ft / 0.6 m cable	
	PS23S	Submersible 10 psi (23 ft) / 0.67 bar (7 m), 30 ft / 9 m cable	
	PS23T	1/4" Threaded 10 psi (23 ft) / 0.67 bar (7 m), 2 ft / 0.6 m cable	
	PS35S	Submersible 15 psi (35 ft) / 1.0 bar (10 m), 40 ft / 12 m cable	
	PS35T	1/4" Threaded 15 psi (35 ft) / 1.0 bar (10 m), 2 ft / 0.6 m cable	
	PS46S	Submersible 20 psi (46 ft) / 1.3 bar (14 m), 55 ft / 17 m cable	
	PS46T	1/4" Threaded 20 psi (46 ft) / 1.3 bar (14 m), 2 ft / 0.6 m cable	
	PS69S	Submersible 30 psi (69 ft) / 2.0 bar (21 m), 75 ft / 23 m cable	
	PS69T	1/4" Threaded 30 psi (69 ft) / 2.0 bar (21 m), 2 ft / 0.6 m cable	
	PS102S	Submersible 44 psi (102 ft) / 3.0 bar (31 m), 105 ft / 32 m cable	
	PS115T	1/4" Threaded 50 psi (115 ft) / 3.45 bar (35 m), 2 ft / 0.6 m cable	
	PS170S	Submersible 72 psi (170 ft) / 5.0 bar (52 m), 174 ft / 53 m cable	
	PS173T	1/4" Threaded 75 psi (173 ft) / 5.2 bar (52.7 m), 2 ft / 0.6 m cable	
	XCPT	Extra Sensor Cable - for Threaded Pressure, 2-conductor, 18AWG shielded	
	XCPS	Extra Sensor Cable - for Submersible Pressure models	
	JB	Sensor Cable Junction Box	