

SLT 5.0 Level & Flow Monitor

Approximate shipping weight: 10lbs / 4.5 kg

Model

SLT 5.0 -

STANDARD FEATURES:

- sensor – PZ32T, PVC and Teflon, 32 ft / 10 m range
- sensor cable – 25 ft / 7.6 m coaxial
- enclosure - watertight, dust tight NEMA4X (IP66) polycarbonate
- programming - built-in 5-key programmer, Password protected
- calibration - Level, Range or Open Channel Flow
- display - White, backlit matrix: Level/Flow values; Menu/Status/Totalizer
- 2 control relays - 5 ampere SPDT, programmable alarm and/or pump control modes, pump alternation, echo-loss, temperature alarm, flow alarm, flow proportional pulse
- temperature compensation - automatic
- output - isolated 4-20mA (1000 ohm)
- power input - 100-240VAC 50/60Hz, 3 watts maximum
- surge protection - sensor, AC power and 4-20mA output
- 1 PC software utilities disk
- 1 Manual - Installation and Operation

POWER INPUT Standard 100-240VAC 50/60Hz		A
9-32VDC		B

ENCLOSURE Standard NEMA4X (IP66) polycarbonate		1
CXJ8106 - Explosion proof NEMA7 (non-returnable & non-refundable)		2

ENCLOSURE TEMPERATURE Standard (-5° to 140°F / -20° to 60°C)		A
Heater and Thermostat (115VAC, 15 watts)		B
Heater and Thermostat (230VAC, 15 watts)		C

ELECTRONICS PROTECTION Standard - no circuit board coating		1
Conformal Coating ("tropicalized") for humid atmospheres		2

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

Standard - PZ32T, PVC and Teflon (32 ft / 10 m range on liquids)		A
PZ34 PVC (16" / 406.4 mm deadband, 32 ft / 10 m range on liquids)		B
PZ34T4F Flange Mount, 4" with Teflon face (32 ft/10m range)		B4
PZ34T6F Flange Mount, 6" with Teflon face (32 ft/10m range)		B6
PZ15 PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)		D
PZ32TE All Teflon (32 ft / 10m range, rated to temperature 170°F/76°C)		E
PZ15-LP Low-Profile, PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)		GL
PZ12T3F Flange Mount 3" Sched 80 PVC with Teflon face (12' / 3.66 m range)		G3
PZ12T4F Flange Mount 4" Sched 80 PVC with Teflon face (12' / 3.66 m range)		G4
PZ12T6F Flange Mount 6" Sched 80 PVC with Teflon face (12' / 3.66 m range)		G6
PZ56 PVC (16" / 406.4 mm deadband, 50 ft / 15.25 m range on liquids)		T

INTRINSIC SAFETY BARRIER (built into electronics enclosure)

None – Standard, General Purpose locations, not rated Intrinsically Safe		1
ISB Intrinsic Safety Barrier for Sensor and Cable installation in Class I,II,III, Div. I,II, Groups C,D,E,F,G Hazardous rated locations		2

SENSOR CABLE LENGTH

Standard 25 ft. / 7.6m RG62AU coaxial		A
50 ft / 15 m continuous RG62AU coaxial		B
100 ft / 30 m continuous RG62AU coaxial		C

DATA LOGGER

None – Standard		1
Greyline Logger – 2 million point Data Logger (with USB output, PC software)		2

CONTROL RELAYS

2 – Standard		A
4 Extra Relays (6 total) rated 5 amp SPDT, fully programmable		B

OPTIONS AND ACCESSORIES

QTY	CODE	DESCRIPTION	
	XC	Extra sensor cable up to 500 ft / 152 m	
	JB2X	Sensor cable Junction Box, NEMA4X (IP66) polycarbonate	
	SMS	Sensor Mounting Stand (for Open Channel applications)	
	PM	Panel Mount Flange assembly	
	SCR	Enclosure Sunscreen (iridite aluminum)	
	PZS	Sensor Sunscreen (iridite aluminum)	
	SBMS	Sensor Submergence Shield (PVC)	
	CHS	Spare set Electronics with Mounting Chassis (standard features)	
	MNL	Additional Manuals (One supplied with each unit)	
	SP1	Lightning/Surge Protection in NEMA13,12 Steel Enclosure	
	DMS-30	Loop powered 3-1/2 digit LCD display	

SPARE/REPLACEMENT SENSORS (25 ft / 7.6m cable and temperature compensation)

*Provide Instrument Serial number when ordering replacements

	PZ32T	(Standard) PVC and teflon (32 ft/10m range on liquids)	
	PZ32TE	All Teflon (32 ft / 10 m range on liquids, rated to temperature 170°F/76°C)	
	PZ34	PVC (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)	
	PZ56	PVC, 16" / 406.4 mm deadband, 50 ft / 15.6 m range, 50 ft / 15.6 m cable	
	PZ15	PVC (8" / 203.2 mm deadband, 15' / 4.57 m Max. range)	
	PZ15-LP	Low-Profile, PVC (8" / 203.2 mm deadband, 15' / 4.57 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)	