## 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 | PRICE |
|---|---|---|---|
| | 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

| | CODE | DESCRIPTION | PRICE |
|---|---|---|---|
| | 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) | |