The Model TR-7 Safe-T-Ground is simple and easy to install. Removal of the cover on the explosion-proof aluminum housing reveals the easily accessible terminal strip for relay and ground control wiring, and a complete schematic wiring diagram appears on a label next to the terminal strip for easy wiring. Coiled grounding cable/contactor-handle assembly is easily replaced via mil-spec connector on housing.

The Series SVT Solenoid Valve Enclosure with Timer is a compact, reliable and economic package designed for small to medium filtration systems. It combines a timer board and solenoid valve enclosure into one package, eliminating the need for separate enclosures and wiring. The SVT is available with 2, 4 or 6 valves. For larger systems expansion modules can be daisy chained to the SVT for a max of 60 outputs. The SVT is available in either 90 to 240 VAC or 24 VDC/VAC supply voltages allowing it to be used in low or high voltage applications. On-demand cleaning or down time cleaning functions can be selected with a simple dip-switch. Time-on and time-off settings are selected using two potentiometers.

### SPECIFICATIONS
- **Service:** Compatible gases, filtered and oil free.
- **Wetted Materials:** Pilot body: Brass; Spring: 302 SS; O-ring: NBR.
- **Temperature Limits:** 14 to 140°F (-10 to 60°C).
- **Pressure Limit:** 145 psi (10 bar).
- **Power Requirements:** 90 to 240 VAC, 50 or 60 Hz or 24 VAC/VDC ±10%.
- **Power Consumption:** 25 VA.
- **Fuse:** 0.5 A delayed.
- **Electrical Connection:** 2 DIN A 43652 connectors.
- **Enclosure Rating:** NEMA 4X (IP66).
- **Enclosure Material:** Polymide with carbon fiber, polycarbonate, TPE rubber.
- **Process Connection:** 1/4” OD push to connect.
- **Mounting Orientation:** Any position.
- **On-Time:** 150 ms to 700 ms.
- **Off-Time:** 4 s to 210 s.
- **Agency Approvals:** CE.

### Model TR-7
- **Model TR-7 Safe-T-Ground** provides continuous monitoring of a truck’s ground connection throughout loading operations. Static electricity is often brought in by tank trucks entering the loading area. The Safe-T-Ground Model TR-7 instantly stops loading operations if a tank truck loses its ground. The simple but rugged Model TR-7 circuit continuously measures resistance through the truck by applying a small voltage to one terminal of the truck grounding contactor. The other terminal is connected to the loading rack ground. If the Safe-T-Ground detects a resistance of more than a few Ω across the contactor terminals, the relay opens, breaking the control circuit. The relay will not close until the grounding contactor is properly connected. To safeguard loading operations, the Safe-T-Ground circuit can be wired into your pump control - and to an audible alarm or signal light.

- The double wire TR-7 system provides an extra safeguard against explosion, compared to single wire grounding, which cannot measure the quality of the electrical ground connection during loading. The transistorized TR-7 circuit generates little heat – an added safety feature.

### Model TR-7 Safe-T-Ground
- **Model TR-7 Safe-T-Ground**
- **Model TR-7-L (Integral Pilot Lights)**

### Series TR-7
- **SAFE-T-GROUND**
  - Explosion-proof, Intrinsically Safe, Ground and Continuity Control

### Series SVT
- **Solenoid Valve Enclosure with Timer**
  - Compact Size, NEMA 4X Enclosure