

Dwyer

SERIES TR-7

SAFE-T-GROUND

Explosion-Proof, Intrinsically Safe, Ground Continuity Control



TR-7L

The **Series TR-7 Safe-T-Ground** provides continuous monitoring of a truck's ground connection throughout loading operations. The TR-7 instantly stops loading operations if a tank truck loses its ground. To safeguard loading operations, the Safe-T-Ground circuit can be wired into your pump control, and to an audible alarm or signal light.

BENEFITS/FEATURES

- Explosion-proof housing
- Audible alarm and LED status indicators

APPLICATIONS

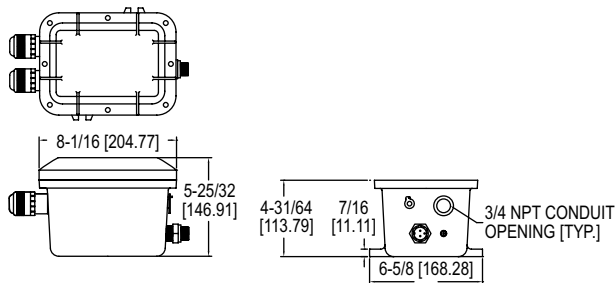
- Chemical
- Oil and gas

MODEL CHART					
Example	TR-7	-X	B	L	TR-7-XBL
Construction	TR-7				Explosion-proof and intrinsically safe
Power Supply Option		-U			120 VAC (standard) 220/240 VAC
Cable Length		-X			36" coiled, extends to 16' (standard) 72" coiled, extends to 32'
Cable Connection			-B		Stud (standard) Battery (alligator) clamp
Options				L*	Red and green indicating lights*

*Not available with 220/240 VAC power supply.



PROCESS CONTROL

**SPECIFICATIONS**

Housing: 356-T6 cast aluminum alloy (copper-free), explosion-proof – Class I, Group D.

Size: 6-5/8" W x 10-3/8" H x 5-5/8" D.

Temperature Limits: -13 to 104°F (-25 to 40°C).

Power Requirements: 105-125 VAC, 60 Hz, 7.75 watts - with light, 1.75 watts - without lights. Optional 220-240 VAC, 50/60 Hz.

Electrical Rating, Relay: DPDT, 10 A, 125 VAC, 60 Hz contact rating.

Wiring: Terminal strip.

Conduit Connection: 3/4" NPT.

Installation: 7/16" mounting lugs, integrally cast.

Contactors: (Grounding clamp) molded polyethylene with beryllium copper contact clips. 16-2 type SO coiled cable; retracts to 3', extends to 16'.

Grounding Studs: 2 supplied. Order a pair for each truck.

Shipping Weight: 20 lb with contactor and cord.

Agency Approvals: UL.

MODEL CHART	
Model	Description
TR-7	Safe-T-Ground
TR-7-L	Safe-T-Ground with integral pilot lights