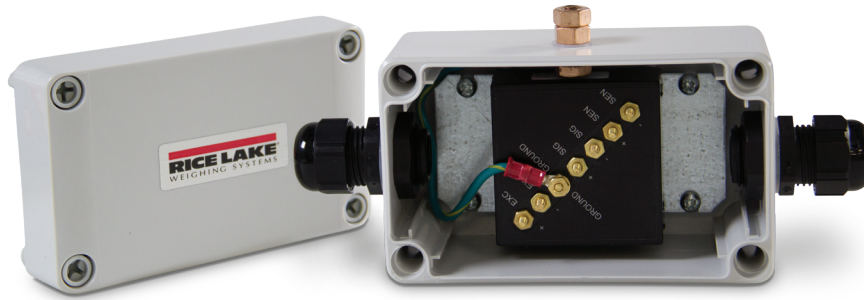


TP75 DC

Transient Protector

POWER
CONDITIONING



Standard Features

- Protects load cells and indicators from voltage transients
- Avalanche diode design
- Full six-wire with shield protection
- NEMA Type 4X enclosure
- Unlimited number of parallel load cells; up to eight in series
- Terminal lugs provided

Applications

- Tank, bin and hopper scales
- Truck and railroad scales
- Suitable for outdoor use

Specifications

Protection Type:

Six-wire type with separate shield

Maximum Excitation Voltage:

22.8 VDC

Response Time:

Five nanoseconds

Peak Surge Currents:

100 amps

Grounding:

10 AWG wire or larger (not provided)

Cable Fitting:

(2) Nylon strain relief for 0.187 to 0.312 in diameter cable

Enclosure:

Impact-resistant polycarbonate NEMA Type 4X, maximum 40 psi washdown

Temperature:

Operating:
-4 °F to 149 °F (-20 °C to 65 °C)

Dimensions:

(L × W × H)
3.16 × 2.20 × 1.18 in

Warranty:

One-year limited

Part Number/Price

Part #	Description	Est. Weight	Price
33185	TP75, load cell protector and mounting hardware	2 lb	Consult

Options/Accessories

Part #	Description	Price
31164	TP75 DC transient protection, board only, with labels	Consult

