

SC921

Bridge Type Load Cell

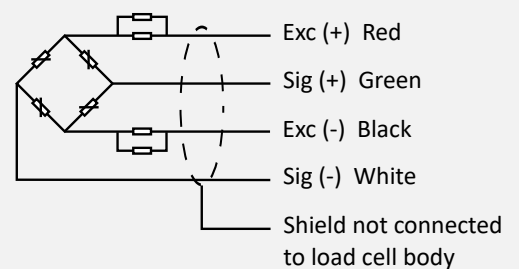


Application: Truck scales, weighing balance.

Specification:

Capacity	2T
Rated output	$2.0 \pm 0.05 \text{ mV/V}$
Accuracy class	C1: $0.05\% \text{ F} \cdot \text{S}$ C2: $0.03\% \text{ F} \cdot \text{S}$
Combined error	$\leq \pm 0.03\% \text{ F} \cdot \text{S}$
Creep	$0.02\% \text{ F} \cdot \text{S} / 30 \text{ min}$
Temp. effect on sensitivity	$0.0017\% \text{ F} \cdot \text{S} / ^\circ \text{C}$
Temp. effect on zero	$0.005\% \text{ F} \cdot \text{S} / ^\circ \text{C}$
Zero balance	$\pm 1.0\% \text{ F} \cdot \text{S}$
Input resistance	$365 \pm 5 \Omega$
Output resistance	$350 \pm 3 \Omega$
Insulation resistance	$5000 \text{ M}\Omega (50 \text{ V})$
Excitation voltage	$5 \sim 12 \text{ V}$
Compensated temp. range	$-10 \sim +40^\circ \text{C}$
Operating temp. range	$-35 \sim +80^\circ \text{C}$
Safe overload	$150\% \text{ F} \cdot \text{S}$
Ultimate overload	$200\% \text{ F} \cdot \text{S}$
Load cell material	Alloy steel
Connecting cable	$\Phi 5.0 \times 3.5 \text{ m}$

Wiring



Size: mm

