



DESCRIPTION

SCX is a high precision compression type load cell manufactured in various capacities from 10 tons to 30 tons. SCX provides reliable precision in demanding industrial applications with nickel-plated alloy steel or stainless steel housing and hermetic sealing. SCX can be used in a wide range of industrial weighing applications with mounting kits developed for SCX.

APPLICATIONS

Truck Scales, Tank and Silo weighing, Heavy Duty Scales

TECHNICAL SPECIFICATIONS

Capacity	: 10, 20, 25, 30 Ton	Isolation Resistance	: ≤ 5000 MΩ (100VDC)
Accuracy Class	: C3	Compensated Temperature	: -10 ~ +40 °C
Minimum Load	: 0 kg	Operating Temperature	: -30 ~ +70 °C
Maximum Intervals (nLC)	: 3000	Excitation, Recommended Voltage	: 10 VDC
Minimum Verification Interval	: 10000	Maximum Excitation Voltage (Umax)	: 15 VDC
Total Error	: ±0.02 %FS	Safe Overload	: 150 % FS
Output Sensitivity (FS)	: 2.00 ± 0.005mV/V	Ultimate Overload	: 300 % FS
Zero Balance	: ± 1 %FS	Ingress Protection (EN60529)	: IP 68
Input Resistance	: 380 Ω ± 20 Ω	Element Material	: Alloy Steel / Stainless Steel
Output Resistance	: 351 Ω ± 3 Ω	Cable	: 4x050mm ²