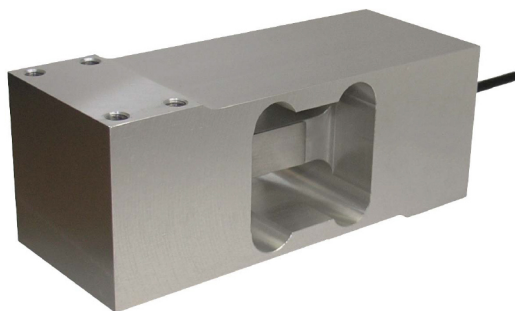




Series SPCK500

Single Point Load Cell (50~500kg)

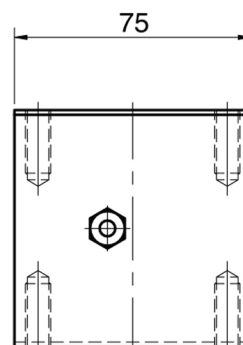
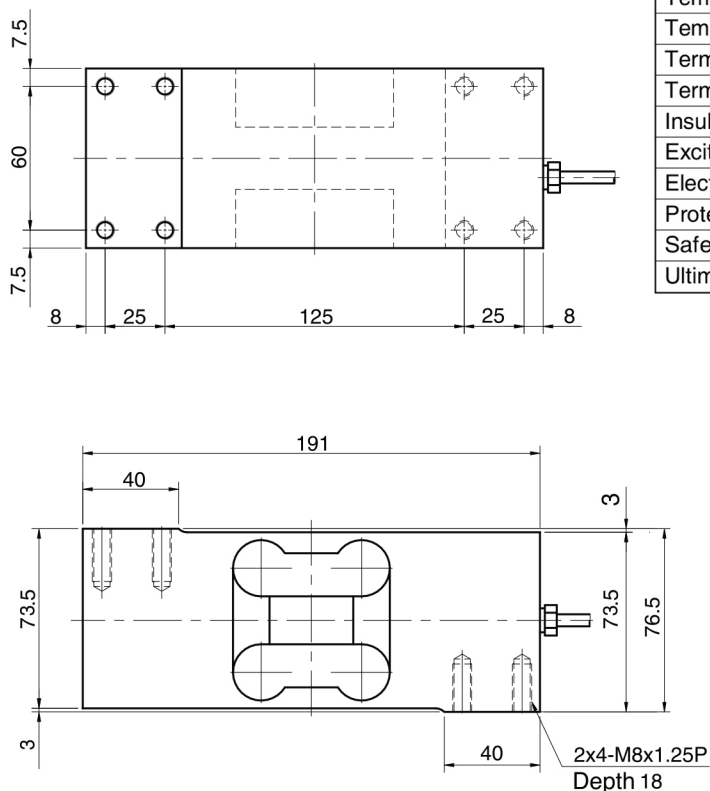


The SPCK500 series single point load cell is designed for platform scale, hopper scale and automatic check weighing systems where great accuracy, reliability and fast measurement are required.

SPECIFICATIONS

TYPE	SPCK500
Rated capacity (R.C.)	50, 100, 200, 300, 500kg
Rated output(R.O.)	2mV/V $\pm$ 10%
Non-linearity	$\leq 0.02\%$ R.O.
Hysteresis	$\leq 0.02\%$ R.O.
Non-repeatability	$\leq 0.02\%$ R.O.
Creep error	$\leq 0.03\%$ in 20min.
Zero balance	$\leq 5\%$ R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	$\leq 0.012\%$ LOAD/10°C
Temp. effect on zero balance	$\leq 0.03\%$ R.O./10°C
Terminal input resistance	420 Ohms $\pm$ 20 Ohms
Terminal output resistance	350 Ohms $\pm$ 5 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation voltage	10V(Recommended), 15V(Max.)
Electrical connection	$\varnothing 5\text{mm} \times 3\text{m}$ (22AWG x 4Core Shielded)
Protection class	meets IP 65
Safe overload	150% R.C
Ultimate overload	300% R.C

Capacity	Allowable Platform Size
50~500kg (0.981 ~ 4.903kN)	700 x 700mm



ORDERING INFORMATION

SPCK500 - 500

TYPE
SPCK500

CAPACITY
50, 100, 200, 300, 500kg

WIRING INFORMATION

