

Model OSWN Series

Shear Beam Load Cell (500kg ~ 2t)

The OSWN series single ended shear beam load cell is designed for high accuracy platform scales and a variety of process weighing applications.

- 17-4PH stainless steel construction for high accuracy and corrosion resistance.
- Fully welded seal with stainless steel cover for hostile environment applications.

SPECIFICATIONS

MODEL	OSWN
Rated capacity (R.C.)	500kg, 1, 1.5, 2t
Rated output(R.O.)	2mV/V $\pm$ 0.25%
Non-linearity	$\leq$ 0.03% R.O.
Hysteresis	$\leq$ 0.03% R.O.
Non-repeatability	$\leq$ 0.02% R.O.
Creep error	$\leq$ 0.03% in 20min.
Zero balance	$\leq$ 1% R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	$\leq$ 0.03% LOAD/10°C
Temp. effect on zero balance	$\leq$ 0.03% R.O./10°C
Terminal input resistance	400 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(4Core Shielded)	ϕ 5mmx3m(Standard), 6m(Option)
Protection class	meets IP 68
Safe overload	150% R.C
Ultimate overload	300% R.C

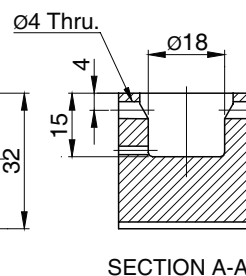
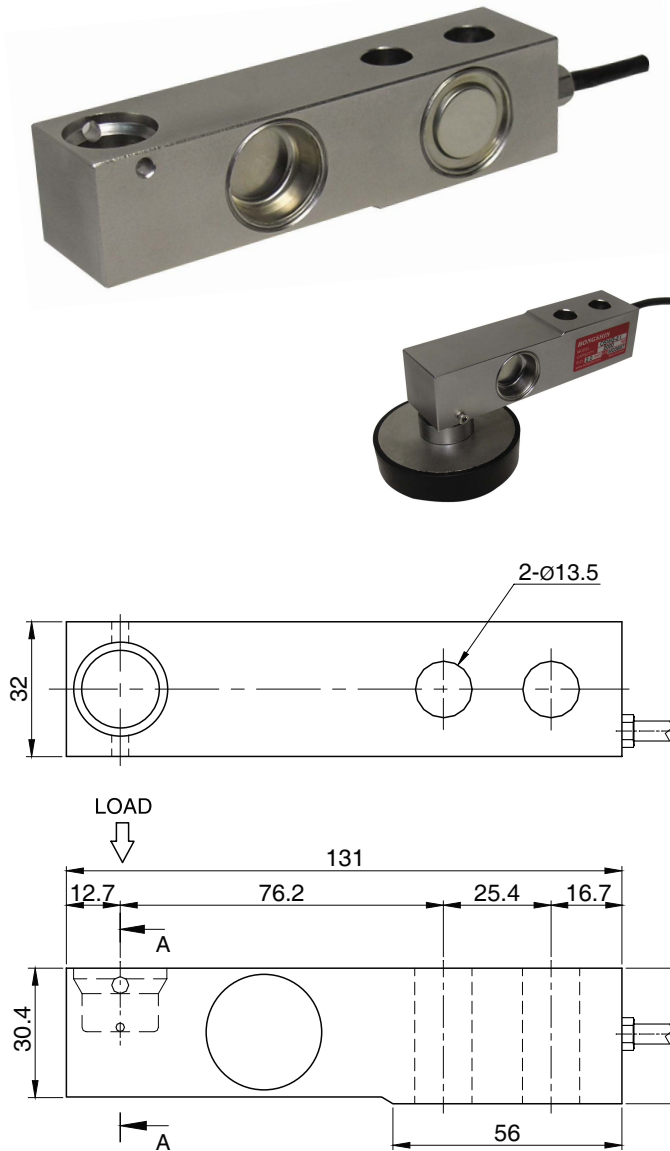
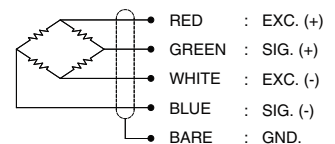
ORDERING INFORMATION

OSWN - 2T

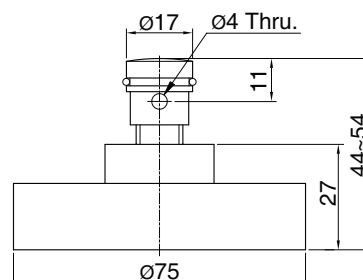
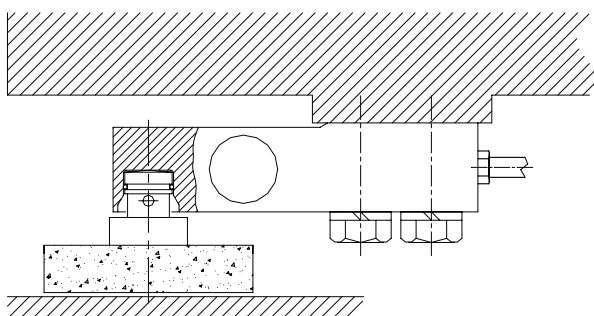
MODEL
OSWN

CAPACITY
500, 1000, 1500, 2000kg

WIRING INFORMATION



Installation



Height Adjustable Foot
LFOSWN-1 (Stainless steel & Rubber)

* Specifications are subject to change without notice

JAN, 2010