

Model OSWXE Series

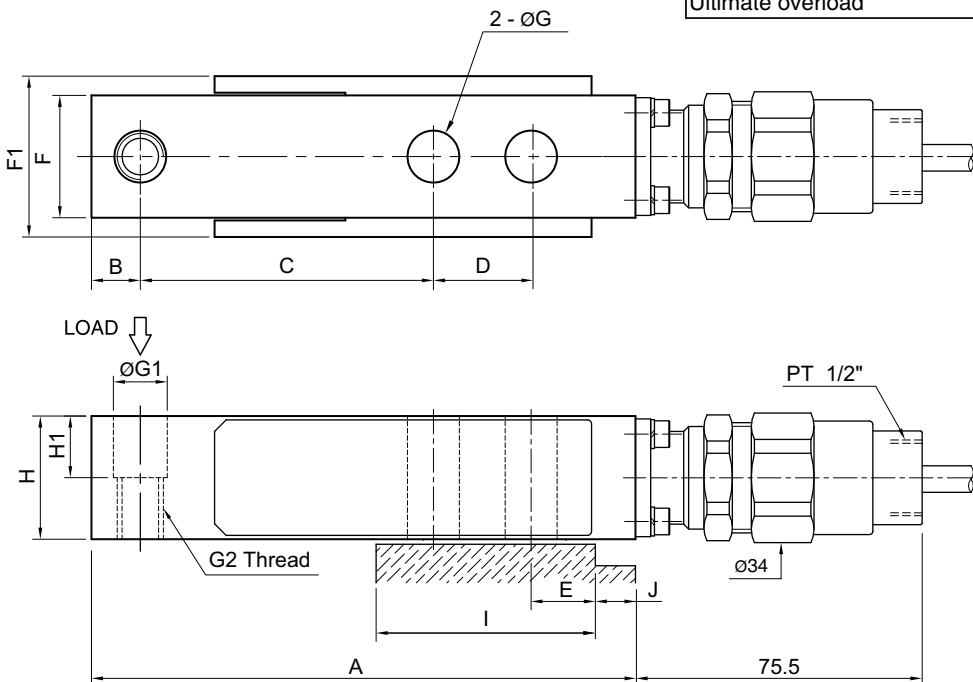
Flameproof type

Shear Beam Load Cell (500kg ~ 5t)

- KGS Approved (Ex d IIB T4)
- 17-4PH stainless steel construction
- high accuracy

SPECIFICATIONS

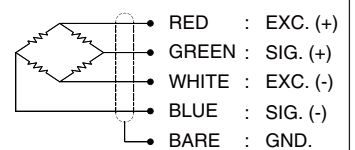
MODEL	OSWXE
Rated capacity (R.C.)	500kg, 1, 2, 3, 5t
Rated output (R.O.)	2.0mV/V $\pm$ 0.25%
Non-linearity	$\leq$ 0.03% R.O.
Hysteresis	$\leq$ 0.02% R.O.
Non-repeatability	$\leq$ 0.02% R.O.
Creep error	$\leq$ 0.03% in 20min.
Zero balance	$\leq$ 1% R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature range	-20 ~ 80°C
Temp. effect on rated output	$\leq$ 0.02% LOAD / 10°C
Temp. effect on zero balance	$\leq$ 0.02% 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	3~12V(Recommended), 15V(Max.)
Electrical connection (22AWG x 4C)	$\varnothing$ 7mmx3m(Standard), 6m(Option)
Protection class	IP 67
Safe overload	150% R.C
Ultimate overload	300% R.C



ORDERING INFORMATION

OSWXE -	2T
MODEL OSWXE	CAPACITY 500kg 1, 2, 3, 5ton

WIRING INFORMATION



Dimension-mm

Capacity	A	B	C	D	E	F	F1	G	G1	G2	H	H1	I	J	Weight(kg)
500kg ~ 2t (4.903~19.61kN)	142	12.7	76.2	25.4	16.7	32	42	13.5	13.5	M12x1.75P	32	16	56	11	1.2
3, 5t (29.42, 49.03kN)	185	19	95.3	38.1	19.1	38.1	50	20.5	20.5	M20x2.5P	38	19	76.2	13.5	2.2

* Specifications are subject to change without notice

AUG, 2022

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