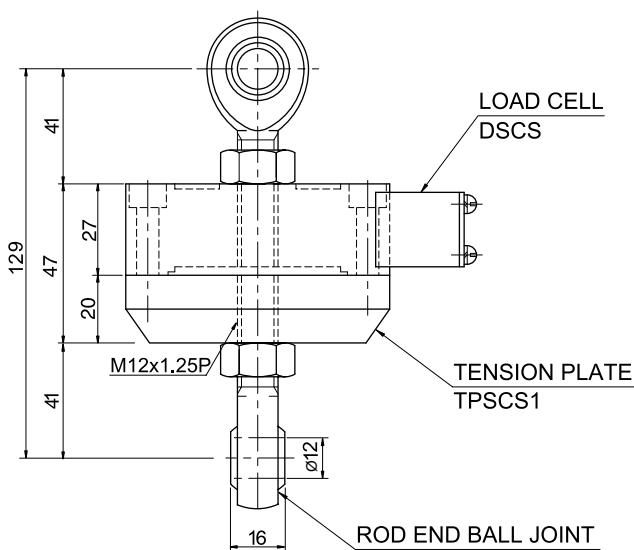
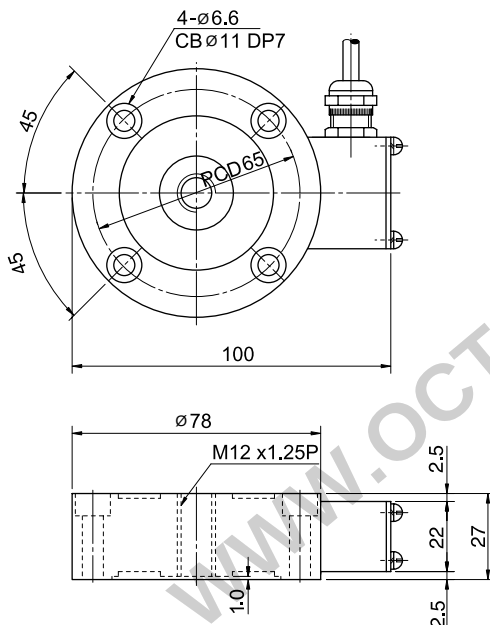


Model DSCS Series

Compression & Tension

Low Profile Load Cell (200 ~ 1000kg)



The model DSCS is a low profile compression & tension pancake type load cell. All units are machined from a solid billet of stainless steel and sealed with welded diaphragms.

- 17-4PH Stainless steel construction for high accuracy and corrosion resistance
- Hermetically sealed
- High rated output(3mV/V)

SPECIFICATIONS

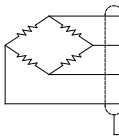
MODEL	DSCS
Rated capacity (R.C.)	200, 500, 1000kg
Rated output(R.O.)	3.0mV/V $\pm$ 0.3%
Non-linearity	$\leq$ 0.05% R.O.
Hysteresis	$\leq$ 0.03% R.O.
Non-repeatability	$\leq$ 0.03% R.O.
Creep error	$\leq$ 0.05% in 20min.
Zero balance	$\leq$ 1% R.O.
Compensated temperature range	-10 ~ 70°C
Operating temperature 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	700 Ohms $\pm$ 10 Ohms
Terminal output resistance	700 Ohms $\pm$ 10 Ohms
Insulation resistance (Min.)	2000 MOhms at 50V DC
Excitation voltage	10V(Recommended), 15V(Max.)
Electrical connection	ϕ 5mmx3m(22AWG x 4Core Shielded)
Protection class	meets IP 67
Safe overload	150% R.C
Ultimate overload	300% R.C

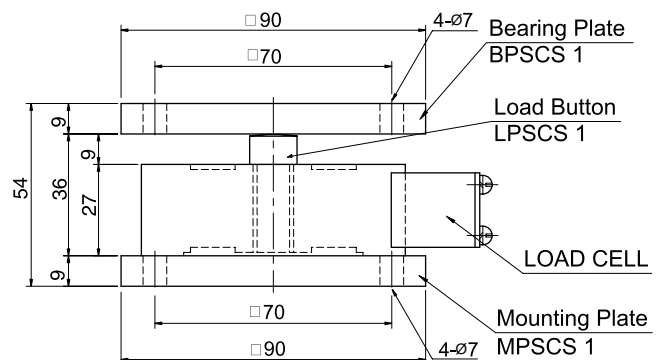
ORDERING INFORMATION

DSCS -	200K
MODEL DSCS	CAPACITY 200, 500, 1000kg

Weight = 0.9kg

WIRING INFORMATION

	- RED : EXC. (+) - GREEN : SIG. (+) - WHITE : EXC. (-) - BLUE : SIG. (-) - BARE : GND.
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* Specifications are subject to change without notice

DEC, 2005