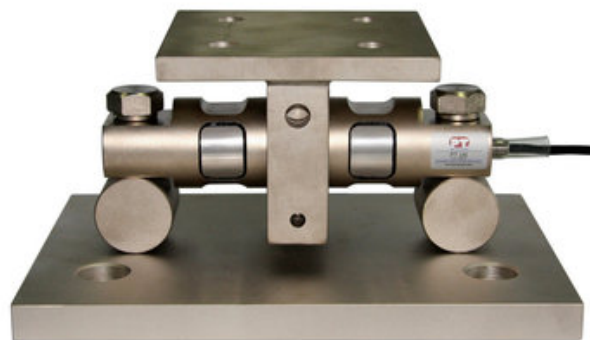


SG-PT9000TWA Tank Weighing Modules

Description

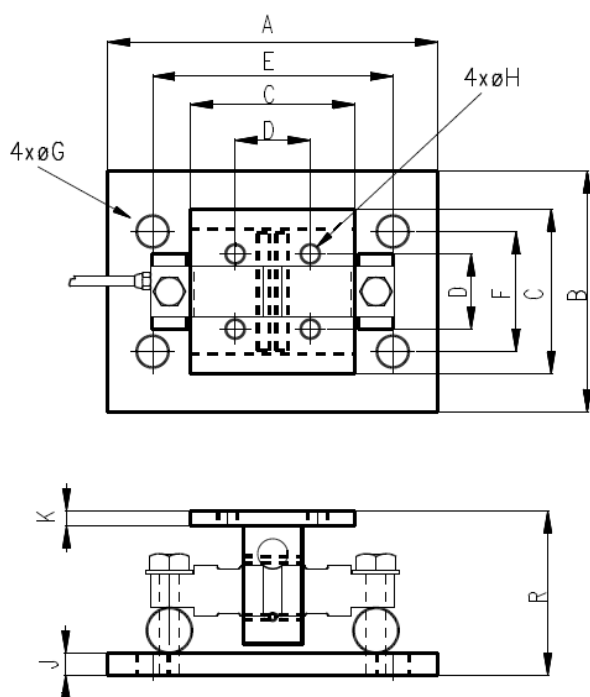
The SG-PT9000TWA Tank Weighing Assembly (TWA) is a fully configured weighing assembly, it includes a medium to high capacity PT9000 nickel plated tool steel, double ended shear beam load cell. Offering outstanding performance and protection the assembly includes special hardened contact points with an IP rating of 67.

The SG-PT9000TWA makes installing and maintaining weighing systems simple, the mount is fully self aligning and completely constrained within the mounting, providing for both uplift and side restraint. The load cells are end mounted and center loaded for precision weighing, this feature offers a design simplicity that will provide for years of accurate trouble free use.



Specifications

Nominal output at capacity	$3 \pm 0.003\text{mV/V}$
Linearity error	$<0.020\%$ FSO ($<0.030\%$ for 5, 10, 200 or 250klb)
Non-repeatability	$<0.010\%$ FSO
Creep (30 mins)	$<0.020\%$ FSO
Zero balance	$<1\%$ capacity
Temp effect span/ 10°C	$<0.014\%$ FSO ($<0.02\%$ for 5, 10, 200 or 250klb)
Temp effect zero/ 10°C	$<0.018\%$ capacity ($<0.025\%$ for 5, 10, 200 or 250klb)
Compensated temp. range	-35°C to $+65^\circ\text{C}$
Safe load	150% of capacity
Mechanical failure	300% of capacity
Safe side restraining capacity	10% of capacity (5% for 100 or 150klb)
Input resistance	700 Ohms \pm 37 Ohms
Output resistance	700 Ohms nominal \pm 7 Ohms
Recommended excitation	9V to 12V AC/DC
Maximum excitation	18V
Environmental protection	IP67
Material	Steel
Cable	9m 4 core
Wiring	RED: + Excitation BLACK: - Excitation GREEN: + Signal WHITE: - Signal



Model	Range	A	B	C	D	E	F	G	H	J	K	R	Weight(kg)
SG-90P05KBTASSXXX	5klb (2268kg)	279.4	203.2	139.7	76.2	203.2	101.6	26.9	16	19	12.7	139.2	14.45
SG-90P10KBTASSXXX	10klb (2268kg)	279.4	203.2	139.7	76.2	203.2	101.6	26.9	16	19	12.7	139.2	14.45
SG-90P20KBTASSXXX	20klb (9072kg)	279.4	203.2	139.7	76.2	203.2	101.6	26.9	16	19	12.7	139.2	14.85
SG-90P30KBTASSXXX	30klb (13608kg)	381	254	203.2	130.3	292.1	152.4	31	19.1	25	19.1	214.1	40.35
SG-90P40KBTASSXXX	40klb (18144kg)	381	254	203.2	130.3	292.1	152.4	31	19.1	25	19.1	214.1	40.5
SG-90P50KBTASSXXX	50klb (22679kg)	381	254	203.2	130.3	292.1	152.4	31	19.1	25	19.1	214.1	40.6
SG-90P60KBTASSXXX	60klb (27216kg)	381	254	203.2	130.3	292.1	152.4	31	19.1	25	19.1	214.1	40.6
SG-90P75KBTASSXXX	75klb (34020kg)	381	254	203.2	130.3	292.1	152.4	31	19.1	25	19.1	214.1	40.6
SG-90P100KBTASSXX	100klb (4536kg)	457.2	304.8	254	190.5	355.6	228.6	35.1	20.6	31.8	31.8	264	83.5
SG-90P150KBTASSXX	150klb (68040kg)	457.2	304.8	254	190.5	355.6	228.6	35.1	20.6	31.8	31.8	264	85.9
SG-90P200KBTASSXX	200klb (90720kg)	660.4	304.8	304.8	228.6	508	152.4	47.8	26.9	50.8	50.8	400	199
SG-90P250KBTASSXX	250klb (113400kg)	660.4	304.8	304.8	228.6	508	152.4	47.8	26.9	50.8	50.8	400	202

Dimensions in millimetres unless noted

LOP-9000-1.1-0

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