

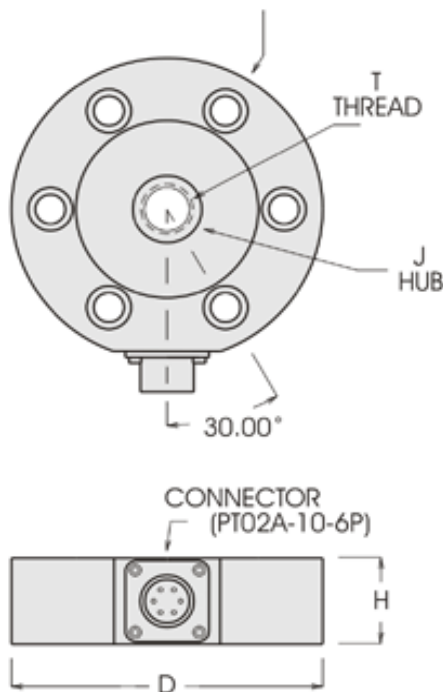
LOW PROFILE UNIVERSAL TENSION / COMPRESSION LOAD CELL

Model: SRP4



Our SRP4 Series are low profile, universal tension or compression "pancake" type load cells. They are available in 14 capacities from 100 lbs. through 50,000 lbs. Hold down bolt holes are provided through the outer diameter and a threaded hole provided through the center for pushing or pulling from either end. The spherical load buttons are ideal for compression applications. The SRP4 load cells are made from 17-4ph heat treated stainless steel. The sensing element incorporates bonded foil strain gages of the highest quality and are sealed for protection against most industrial environments.

F CLEARANCE HOLES EQ. SPACED
ON G DIA. BOLT CIRCLE
K BOLT HOLES ARE COUNTER BORED
FOR RANGES -15K AND BELOW



Specifications

Rated Output (R.O.):	3 mV/V Nominal
Nonlinearity:	0.1% of R.O.
Hysteresis:	0.1% of R.O.
Nonrepeatability:	0.05% of R.O.
Zero Balance:	1.0% of R.O.
Compensated Temp. Range:	60° to 160°F
Safe Temp. Range:	-65° to 200°F
Temp. Effect on Output:	0.005% of Load/°F
Temp. Effect on Zero:	0.001% of R.O./°F
Terminal Resistance:	350 ohms nominal
Excitation Voltage:	10 VDC
Safe Overload:	150% of F.S.

MODEL	CAPACITY LBS.	D	H	F	G	K	J	T
SRP4-100	100	3.0	1.0	6	2.25	.28	.625	3/8-24 UNF
SRP4-250	250	3.0	1.0	6	2.25	.28	.625	3/8-24 UNF
SRP4-500	500	3.0	1.0	6	2.25	.28	.625	3/8-24 UNF
SRP4-1K	1,000	3.0	1.0	6	2.25	.28	.625	3/8-24 UNF
SRP4-2K	2,000	3.5	1.0	6	2.63	.34	.775	1/2-20 UNF
SRP4-3K	3,000	3.5	1.0	6	2.63	.34	.775	1/2-20 UNF
SRP4-4K	4,000	3.5	1.0	6	2.63	.34	.775	1/2-20 UNF
SRP4-5K	5,000	3.5	1.0	6	2.63	.34	.775	1/2-20 UNF
SRP4-7.5K	7,500	5.5	1.8	8	4.50	.41	1.450	1-14 UNS
SRP4-10K	10,000	5.5	1.8	8	4.50	.41	1.450	1-14 UNS
SRP4-15K	15,000	5.5	1.8	8	4.50	.41	1.450	1-14 UNS
SRP4-20K	20,000	6.0	1.8	8	4.88	.53	2.125	1 1/2-12 UNF
SRP4-30K	30,000	6.0	1.8	8	4.88	.53	2.125	1 1/2-12 UNF
SRP4-50K	50,000	6.0	1.8	8	4.88	.53	2.125	1 1/2-12 UNF

Load Cell Central follows a policy of continuous improvement and reserves the right to change specifications without notice. © 2017