

SPECIFICATION, LOAD PINS

Model LAP

These Load Pins are stainless steel shear pin type load cell with improved temperature performances.

These load pins are designed to be used in hostile environments.

Standard pins are offered with cable and connector versions.

Many options and customized sizes are available on request.



SPECIFICATIONS

Specifications	Accuracy
Rated capacity(R.C.)	5kN, 10kN, 20kN, 50kN, 100kN, 200kN
Rated output(R.O.)	1mV/V
Nonlinearity	0.5% of R.O.
Hysteresis	0.5% of R.O
Repeatability	0.1% of R.O.
Zero balance	±1.0% of R.O.
Temperature effect, on rated output	0.02% of FS / °C
Temperature effect, on zero balance	0.02% of FS / °C
Operating temperature range	-20~70°C
Storage temperature range	-20~70°C
Input impedance	1000Ω
Protection class	Ip66
Excitation recommended	5V
Safe overload	150% R.C.
Overload limit	500% R.C.
Cable length	3m (Optional 6m, 12m and 20m)

DIMENSIONS TABLE

unit:mm

Capacity	A	B	C	D	E	F	G
5 KN	25h6	80	16	5.2	13.5	31	3.5
10 KN	25h6	80	16	5.2	13.5	31	3.5
20 KN	25h6	80	16	5.2	13.5	31	3.5
50 KN	35h6	108	23	6.3	18	47	6
100 KN	50h6	153	28	10.5	27	66	5
200 KN	65h6	188	28	10.5	32.5	90	10

