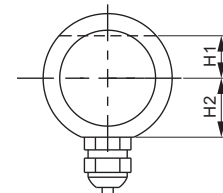
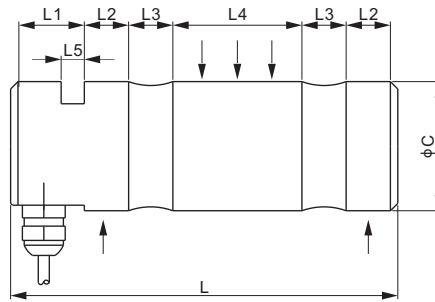


# 535TS

## Stainless Steel



Capacity < 10t: Cable  $\phi 5.1 \times 3m$   
Capacity  $\geq 10t$ : Cable  $\phi 5.1 \times 10m$

CE RoHS

### DIMENSIONS

RATED CAPACITY	C	H1	H2	L	L1	L2	L3	L4	L5
<b>t/mm</b>									
2-5	35.0	11.5	16.0	105.0	20.0	12.0	12.0	35.0	6.30
10	50.0	20.0	22.5	152.0	30.0	18.0	18.0	48.0	10.5
20	65.0	22.5	28.5	190.0	32.0	20.0	25.0	65.0	10.5
40	85.0	22.5	28.5	256.0	36.0	35.0	28.0	89.0	12.5
70	100.0	34.0	35.0	328.0	40.0	50.0	32.0	120.0	15.0
100	120.0	44.0	45.0	328.0	40.0	50.0	32.0	120.0	15.0
<b>lb/inches</b> (conversion of above dimensions)									
4,409.2-11,023.1	1.38	0.45	0.63	4.13	0.79	0.47	0.47	1.38	0.25
22,046.2	1.97	0.79	0.89	5.98	1.18	0.71	0.71	1.89	0.41
44,092.5	2.56	0.89	1.12	7.48	1.26	0.79	0.98	2.56	0.41
88,184.9	3.35	0.89	1.12	10.08	1.42	1.38	1.10	3.50	0.49
154,323.6	3.94	1.34	1.38	12.91	1.57	1.97	1.26	4.72	0.59
220,462.3	4.72	1.73	1.77	12.91	1.57	1.97	1.26	4.72	0.59

LOAD PINS

### SPECIFICATIONS

<b>Full Scale Output</b>	1.0 mV/V $\pm 10\%$	<b>Recommended Excitation</b>	10V (15V Maximum)
<b>Zero Balance</b>	$\pm 0.02$ mV/V	<b>Insulation Resistance</b>	$>2 [ 50V DC ] \text{ G}\Omega$
<b>Non-linearity</b>	$< \pm 0.50\%$	<b>Compensated Temperature Range</b>	-10°C to 50°C / 14°F to 122°F
<b>Repeatability</b>	$< \pm 0.30\%$	<b>Safe Overload</b>	150% of full scale
<b>Hysteresis Error</b>	$< \pm 0.50\%$	<b>Breaking Overload</b>	400% of full scale
<b>Creep in 30 min.</b>	$< \pm 0.20\%$	<b>Seal Type / IP Rating</b>	Environmentally Sealed / IP67
<b>Input Resistance</b>	$400 \Omega \pm 20$	<b>Cable Color Code</b>	Exc+ Red      Exc- Black
<b>Output Resistance</b>	$350 \Omega \pm 3$		Sig+ Green    Sig- White
<b>Element Material</b>	2Cr13 Stainless Steel		Shield Bare

### PART NUMBER

Rated Capacity	Part No.	Weight (kg) Approx.
2t.....	535TS-2t-YZ.....	0.8
5t.....	535TS-5t-YZ.....	0.8
10t.....	535TS-10t-YZ.....	2.1
20t.....	535TS-20t-YZ.....	4.6
40t.....	535TS-40t-YZ.....	11.2
70t.....	535TS-70t-YZ.....	20.0
100t.....	535TS-100t-YZ.....	30.0

### APPLICATION EXAMPLES

