



Capacity < 10t: Cable φ5.1 × 3m
Capacity ≥ 10t: Cable φ5.1 × 10m



DIMENSIONS

RATED CAPACITY	C	H1	H2	L	L1	L2	L3	L4	L5
t/mm									
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
lb/inches (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

SPECIFICATIONS

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

* ATEX, FM, IECEx approved versions carry the "-Ex" suffix.

APPLICATION EXAMPLES

