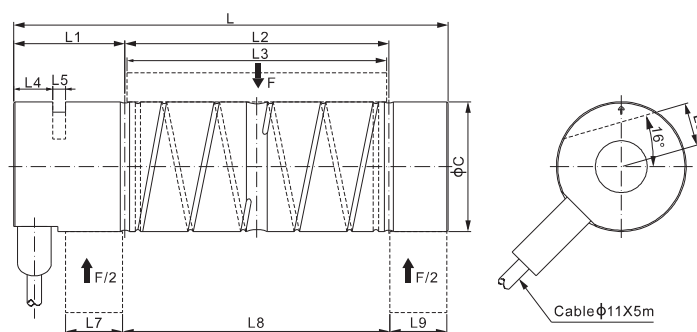




DIMENSIONS

RATED CAPACITY	C	L	L1	L2	L3	L4	L5	L6	L7	L8	L9
t/mm											
75-150	100.0	335.0	85.8	203.5	200.0	30.0	10.0	33.0	44.0	206.0	44.0
Klb/inches (conversion of above dimensions)											
165.34-330.69	3.94	13.19	3.38	8.01	7.87	1.18	0.39	1.30	1.73	8.11	1.73

SPECIFICATIONS

Full Scale Output	$\geq 1.0 \text{ mV/V}$	Recommended Excitation	10V (15V Maximum)
Zero Balance	$\pm 0.05 \text{ mV/V}$	Insulation Resistance	$> 2 [50V \text{ DC}] G\Omega$
Non-linearity	$< \pm 2.0\%$	Compensated Temperature Range	-10°C to 50°C / 14°F to 122°F
Repeatability	$< \pm 2.0\%$	Safe Overload	150% of full scale
Hysteresis Error	$< \pm 2.0\%$	Breaking Overload	300% of full scale
Creep in 30 min.	$< \pm 2.0\%$	Seal Type / IP Rating	Welded Seal / IP68
Input Resistance	$350\Omega \pm 20$	Cable Color Code	Exc+ Red Exc- Black Sig+ Green Sig- White Shield Bare
Output Resistance	$350\Omega \pm 3$		
Element Material	17-4PH Stainless Steel		

PART NUMBER*

Rated Capacity	Part No.	Weight Approx. (kg)
75t	535KS-75t	22
100t	535KS-100t	22
125t	535KS-125t	22
150t	535KS-150t	22

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

Custom Configurations:

- Custom dimensions, thread, capacity, safety factor, IP rating, cable/connector
- High-Temperature (up to xC / xF)
- Cryogenic Operation (down to xC / xF)
- Vacuum Environment Compatibility
- Submersible / Underwater Use
- Corrosion-Resistant
- Intrinsically Safe
- Signal Output (analog, Modbus, CANbus, wireless, etc.)

* Additional customizations available, please contact us for more information.

Product Datasheet Disclaimer

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