

High Output Rod End/In-line Tension Type Load Cells

Models RMa, RHa, RFa

ALL WELDED STAINLESS STEEL

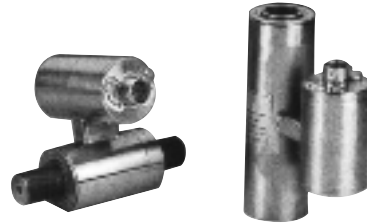
ZERO & SPAN ADJUSTMENTS



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Model RMa, with outside threads, Model RHa with both inside and outside threads, and the Model RFa with inside threads are all High Output Rod End Load Cells designed to be mounted in-line to the load axis to measure tension. The outputs for these load cells are +/-5 or 10 Vdc, or 4-20mA (two wire) all calibrated in tension. The mounting thread configurations and the all welded stainless steel construction make these tension load cells ideal for a variety of rugged field applications as well as in the laboratory. Options include removal of zero & span adjustments for tamper free installations and a variety of electrical terminations. The high output signal offers resistance to electrical noise as well as additional signal resolution. Additional options include certifications for use in hazardous areas, an internal buffered shunt calibration circuit for ease of setup with an associated indicator, and a variety of thread selections, including metric sizes.

PERFORMANCE

	Model RMa	Model RHa	Model RFa
Ranges: 0-2000 to 0-4000 lbs.	AL613 1.50	AL619 1.50	AL614 1.50
0-7500 to 0-20,000 lbs. .	AL615 1.75	AL620 1.75	AL616 1.75
0-20,000 to 50,000 lbs. .	AL617 2.50	AL624 2.50	AL618 2.50
Operation	Calibrated in Tension		
Linearity & Hysteresis	+/-0.2%F.S.		
Repeatability	+/-0.05%F.S.		
Output Options	See Below		

ENVIRONMENTAL

Operating Temperature Range	0°F to 185°F
Temperature Effects on Zero & Span	+/-0.01%F.S./°F

ELECTRICAL

Electrical Termination Mating Connector	PTIH-10-6P Welded Stainless Hermetic Connector AA111
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MECHANICAL

Case Material	All Welded Stainless Steel Construction
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Specify Output:

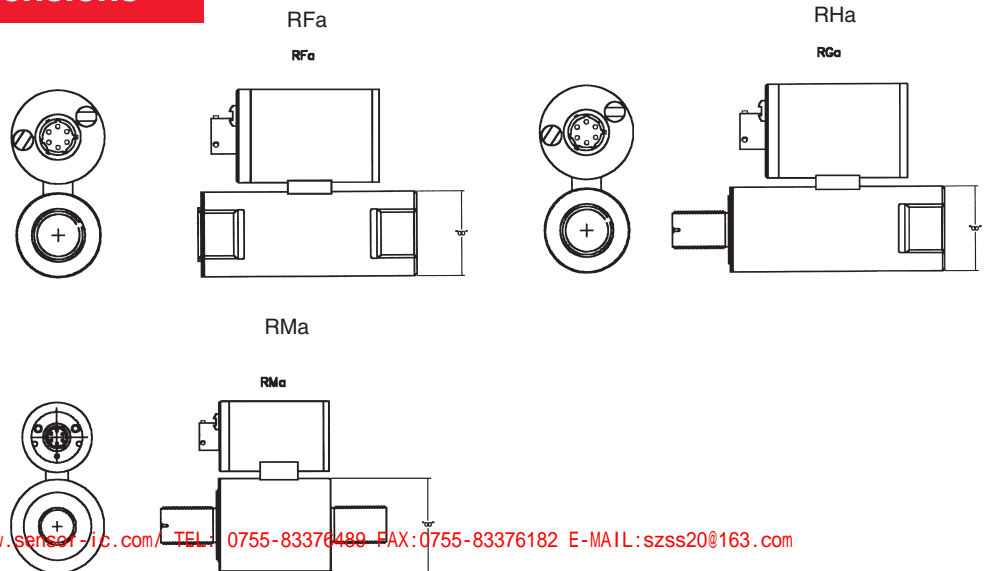
Voltage/Option

- 0 ± 5 Vdc/2c
- 0 ± 10Vdc/2t
- 4-20mA/2j (3 wire)

Current/Option

- 4-20mA/2k (2 wire)
- 4-20mA/2N (IS 2 wire)**

Dimensions



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