

# KRT PRESSURE SWITCHES



Flow  
Pressure  
Level  
Temperature  
measurement  
monitoring  
control



- Industrial and Marine Applications
- NEMA 4 or 3R Enclosure
- Rugged and Reliable
- Differential Pressure Units Available

P3



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Model:  
KRT



The KRT is a pressure operated switch suitable for industrial or marine gas and low viscosity fluid applications. Selection includes absolute, relative and differential pressure switches with either fixed or adjustable hysteresis (dead band). In keeping with our philosophy of robust design, the KRT is built according to IP66 (NEMA 4) specifications, IP54 (NEMA 3R) for units with an external reset feature.

The KRT is ideal for applications such as pump protection, safety pressure control for steam boilers, as well as more conventional use as a regular pressure switch. As with our KPS/KAS line, installations include manufacturing plants, diesel units, compressors of all types, power stations and ships.

**Technical Specifications**

**Contact Rating (SPDT)**

- AC:** 400 V, 4 A inductive load  
400 V, 10 A resistive load
- DC:** 220 V, 12 W  
Max. starting current: 28A (Locked rotor)
- Gold Plated Contacts available for low voltage applications.

**Temperature Requirements**

- Ambient: -40° F to 158° F
- Medium: -40° F to 302° F
- KRT-5196: -40° F to 194° F

**Enclosure:**

- IP66 (NEMA 4)
- IP54 (NEMA 3R) w. ext. reset

**Fittings:**

- 1/4" NPT Brass Adapter (G3/8A Native Fitting)

**Wetted Parts:**

- Brass, SS,
- Carbon Steel

**Repeatability:**

- ± 0.25% of Full Scale

**Approvals**

- Japan:** Nippon Kaiji Kyokai<sup>1</sup>
- Germany:** Germanischer Lloyd
- UK:** Lloyds Register of Shipping<sup>1</sup>
- Italy:** Registro Italiano Navale
- France: Bureau Veritas
- Russia: RMRS, Maritime Register of Shipping
- Poland: Polski Rejestr Statkow
- Norway: DNV, Det Norske Veritas
- Denmark: DEMKO, CE marked acc. to EN 60947-4/-5
- Germany: Vd TÜV

<sup>1</sup> Some exceptions. Please call for further information.

Ordering Data							
<b>Single Input Pressure Switches</b>							
	Model Number	Range bar*	Hysteresis (adjustable) bar*	Maximum Pressure bar*	External Reset Available		
	KRT-5215	-1 to 0	0.1 to 0.4	7	No		
	KRT-5196	0 to 0.3	0.01 to 0.05	0.5	No		
	KRT-5191	0.1 to 1.1	0.07 to 0.16	7	No		
	KRT-5192	0.1 to 1.1	0.07	7	Maximum		
	KRT-5292	0.2 to 3	0.08 to 0.25	7	No		
	KRT-5237	0.2 to 6	0.25 to 1.2	25	No		
	KRT-5238	0.2 to 6	0.25	25	Maximum		
	KRT-5203	1 to 10	0.3 to 1.3	25	No		
	KRT-5204	1 to 10	0.3	25	Maximum		
	KRT-5255	4 to 17	1.2 to 4	25	No		
	KRT-5295	10 to 30	1 to 4	45	No		
	<b>Differential Pressure Switches</b>						
		Model Number	Range bar*	Hysteresis (adjustable) bar*	Maximum Pressure bar*	Operating Pressure	
					Low Side bar*	High Side bar*	
KRT-0081		0 to 0.9	0.05 to 0.23	7	-1 to 4	5	
KRT-0045		0.1 to 1.0	0.05 to 0.23	7	-1 to 4	5	
KRT-0043		0.1 to 1.5	0.1 to 0.33	12	-1 to 6	9	
KRT-0048	0.5 to 4	0.3 to 0.9	25	-1 to 12	14		

\* 1 bar = 14.5 PSI