

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

Contact:
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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 Kyokai¹
Germany: Germanischer Lloyd
UK: Lloyds Register of Shipping¹
Italy: Registro Italiano Navale
France: Bureau Veritas¹
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

¹ Some exceptions. Please call for further information.

Ordering Data

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	Single Input Pressure Switches						
	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		
		Differential Pressure Switches					
		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