

Pressure Switches



measuring
•
monitoring
•
analyzing

KRT



- Industrial and Marine Applications
- NEMA 4/IP66 or NEMA 3R/IP54 Protection
- Rugged and Reliable
- Differential Pressure Units Available



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Pressure Switches Model KRT

Description

The KOBOLD KRT is a pressure operated switch suitable for compatible, industrial or marine gaseous and low viscosity fluid applications. The KRT line includes absolute, relative, and differential pressure switches with either fixed or adjustable hysteresis. The rugged design is weather protected according to NEMA 4/IP66 specifications, and to NEMA 3R/IP54 for units with an external reset feature. It is ideal for applications such as: pump protection, safety pressure control for steam boilers, as well as other conventional uses. Typical applications include: manufacturing plants, diesel units, compressors, power stations, and ships.



Specifications

Contact Rating (SPDT)

AC: 400 V, 3 A Inductive Load (AC-15)
400 V, 4 A Inductive Load (AC-3)
400 V, 10 A Resistive Load (AC-1)

DC: 230 V, 12 W (DC-13)

Cable Entry: 2x PG13.5 for 6...14 mm Cable

Temperature Details

Ambient: -40...158 °F

Media: -40...302 °F

-40...194 °F (KRT-5196)

Enclosure Construction

Housing: Bakelite

Cover: Polyamide

Ingress Protection: IP66 (NEMA 4)

IP54 (NEMA 3R) with External Reset

Fittings: 1/4" NPT Brass Adapter (G 3/8 Native)

Wetted Parts: Brass, SS, Carbon Steel

Repeatability: ±0.25% of Full Scale

Order Details (Example: KRT-5196)

Single Input Pressure Switches					
Model	Range (bar)	Hysteresis (bar) (Adjustable)	Maximum Pressure (bar)	External Reset	
KRT-5215	-1.0...0	0.1...0.4	7.0	No	
KRT-5196	0...0.3	0.01...0.05	0.5	No	
KRT-5191	0.1...1.1	0.07...1.1	7.0	No	
KRT-5192	0.1...1.1	0.07	7.0	Maximum	
KRT-5292	0.2...3.0	0.08...0.25	7.0	No	
KRT-5237	0.2...6.0	0.25...1.2	25	No	
KRT-5238	0.2...6.0	0.25	25	Maximum	
KRT-5203	1.0...10	0.3...1.3	25	No	
KRT-5204	1.0...10	0.3	25	Maximum	
KRT-5255	4.0...17	1.2...4.0	25	No	
KRT-5295	10...30	1.0...4.0	45	No	
Differential Pressure Switches					
Model	Range (bar)	Hysteresis (bar) (Adjustable)	Maximum Pressure (bar)	Operating Pressure Low Side (bar)	Operating Pressure High Side (bar)
KRT-0081	0.0...0.9	0.05...0.23	7.0	-1.0...4.0	5.0
KRT-0045	0.1...1.0	0.05...0.23	7.0	-1.0...4.0	5.0
KRT-0043	0.1...1.5	0.1...0.33	12	-1.0...6.0	9.0
KRT-0048	0.5...4.0	0.3...0.9	25	-1.0...12	14