ADJUSTABLE DIFFERENTIAL PRESSURE SWITCH
RSS SERIES

PSI

DESCRIPTION

The economical **Cleveland Controls RSS Series Adjustable Differential Pressure Switches** are designed for positive, negative, or differential pressure monitoring with actuation on pressure rise or fall. The unit is constructed with a high temperature thermoplastic housing, an internal EPDM diaphragm, and an externally mounted snap action switch. Male quick connect terminals allows easy installation. The field adjustability makes these switches ideal for light industrial and commercial HVAC applications.
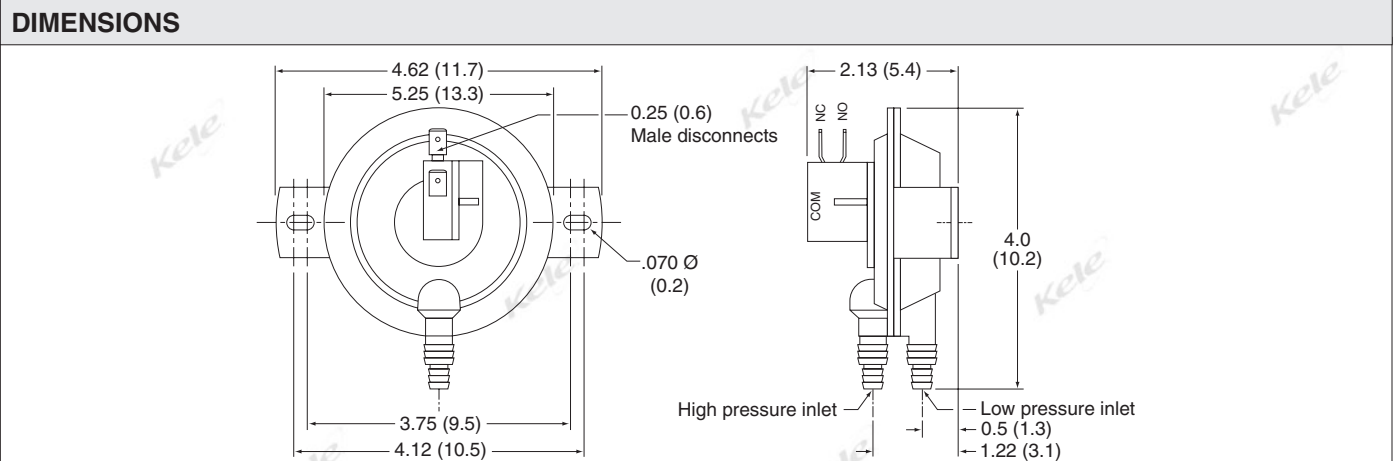
FEATURES

- *Adjustable set point*
- *Actuated by a pressure or vacuum air flow*
- *Quick connect terminals*
- *5A, SPDT switch*

CLEVELAND CONTROLS

MADE IN USA

RSS-495-011

CE

CSA

c UL us

SPECIFICATIONS

Contact Rating	5A resistive, 120-277 VAC, 60 Hz; 1A pilot duty (120 VA) @ 120 VAC	**Operating Temperature**	-40° to 190°F (-40° to 88°C)
Contact Type	SPDT	**Diaphragm Material**	EPDM
Setpoint Range		**Enclosure**	Thermoplastic
RFS-495-011	0.20" to 1.0" W.C. (49 to 249 Pa)	**Process Connection**	Barbed fittings for 1/4" ID or 3/8" ID flexible tubing
RFS-495-013	1.0" to 4.0" W.C. (249 to 996 Pa)	**Approvals**	UL recognized, file #MH6213, CSA, CE
Overpressure	1 psi (0.06 bar)		
Life Expectancy	100,000 cycles minimum @ 1 psi maximum each cycle and maximum rated load	**Weight**	0.25 lbs (0.11 kg)
		Warranty	1 year

DIMENSIONS

4.62 (11.7)
5.25 (13.3)
0.25 (0.6) Male disconnects
.070 Ø (0.2)
3.75 (9.5)
4.12 (10.5)

2.13 (5.4)
NC NO
COM
4.0 (10.2)
High pressure inlet
Low pressure inlet
0.5 (1.3)
1.22 (3.1)

ORDERING INFORMATION

MODEL	DESCRIPTION
RSS-495-011	Adjustable differential pressure switch, 0.20" to 1.0" W.C. (49 to 249 Pa)
RSS-498-013	Adjustable differential pressure switch, 1.0" to 4.0" W.C. (249 to 996 Pa)

	RELATED PRODUCTS	PAGE
A-301-K	Duct static pressure tip, 1/4" compression	**1113**
A-302-K	Duct static pressure tip, 1/4" barb	**1113**
A-308-K	Duct static pressure fitting, 1/4" barb	**1113**
A-345-K	Flange mounting kit (1 required for each A-301-K or A-302-K)	**1113**
T-101	1/4" OD black poly tubing, 1 coil, 250 ft (76 m)	**901**

PRESSURE

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