



PRESSURE

DIFFERENTIAL PRESSURE SWITCHES

J21K SERIES

DESCRIPTION

The J21K Series Differential Pressure Switches utilize opposing metal bellows to detect pressure differences between two pressure sources. When the pressure at the high port exceeds the pressure at the low port by a pre-determined amount (setpoint), the mechanism operates a single snap-action switch. The control setpoint can be adjusted by turning the internal adjustment hex screw.

FEATURES

- Adjustable setpoint
- Sealed metal bellows
- 15A switch rating
- Epoxy coated enclosure

NEW!



SPECIFICATIONS

Setpoint range

J21K-140	0 to 6 psi (0 to 41 kPa)
J21K-150	0 to 40 psi (0 to 276 kPa)
J21K-232	0 to 25 psi (0 to 172 kPa)
J21K-254	0 to 90 psi (0 to 621 kPa)

Deadband

J21K-140	0.1 to 0.4 psi (0.7 to 3 kPa)
J21K-150	0.3 to 0.7 psi (2 to 5 kPa)
J21K-232	0.6 to 1 psi (4 to 7 kPa)
J21K-254	2 to 4 psi (14 to 28 kPa)

Service

Wetted Parts

Compatible liquids or gases
Brass or phosphor bronze bellows

Contacts

Electrical rating

Overpressure

J21K-140	30" Hg vac to 30 psi (207 kPa)
J21K-150	30" Hg vac to 180 psi (276 kPa)
J21K-232	30" Hg vac to 110 psi (172 kPa)
J21K-254	30" Hg vac to 120 psi (621 kPa)

Operating

temperature

-40° to 160°F (-40° to 71°C)

Pressure

connections

1/4 NPTF

Agency approvals

UL listed, file #E42272, CE

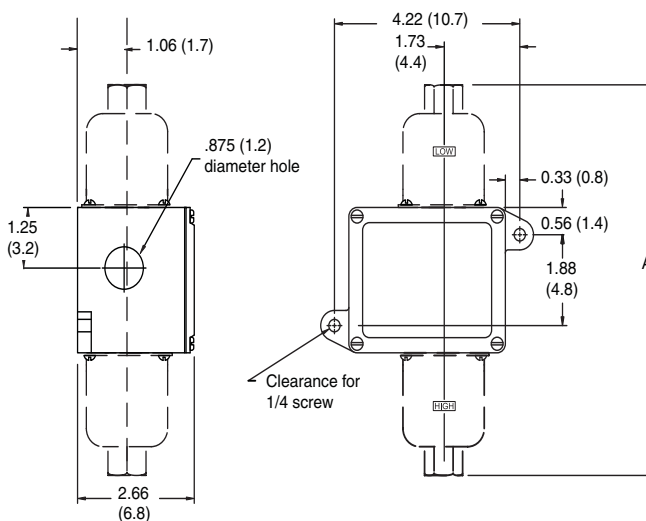
Weight

2 lb (0.90 kg)

Warranty

1 year

DIMENSIONS



A Dimension

J21K-140/150	8.0" (20.5 cm)
J21K-232/254	6.5" (16.6 cm)

ORDERING INFORMATION

MODEL

J21K-140
J21K-150
J21K-232
J21K-254

DESCRIPTION

Differential pressure switch, brass bellows, 0 to 6 psi (0 to 41 kPa)
Differential pressure switch, brass bellows, 0 to 40 psi (0 to 276 kPa)
Differential pressure switch, bronze bellows, 0 to 25 psi (0 to 172 kPa)
Differential pressure switch, bronze bellows, 0 to 90 psi (0 to 621 kPa)