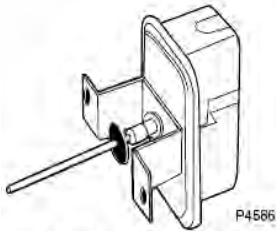


JOHNSON CONTROLS - 32 SERIES SENSITIVE PRESSURE SWITCH SELECTION CHART



The P32AC Differential Pressure Switch with "U" mounting bracket and a direct mounted sensing probe assembled.

DESCRIPTION

This differential pressure switch is used to sense airflow in ducts.

APPLICATIONS

- Airflow proving with electric duct heaters, humidifiers, and other equipment.
- Maximum airflow control for variable volume systems
- Reheat duct powered systems
- Clogged filter detection
- Detection of icing of air conditioning coils and initiation of defrost cycle

SELECTION CHART

PART NO	AMBIENT TEMPERATURE Min/Max	PRESSURE CONNECTOR	MAXIMUM OVERPRESSURE psig (kPa)	CONTACT ACTION	RANGE in WC (kPa)	SENSITIVITY AT MIN SET POINT in WC (kPa)	SET POINT	SCALE PLATE	MOUNTING BRACKET INCLUDED
P32AC-1	-40°F (-40° C) min.; 167°F (75° C) max.	High Pressure connectors are metal 1/8 in. female NPT inside, 1/2 in. NPSM outside for mounting.;Low Pressure connectors are molded, 1/8 in.female NPT	1 (6.895)	SPDT	0.15 to 12(0.037 to 2.99)	0.07 (0.017)	Adjustable	Yes	BKT182R
P32AC-2†	-40°F (-40° C) min.; 167°F (75° C) max.	High Pressure connectors are metal 1/8 in. female NPT inside, 1/2 in. NPSM outside for mounting.;Low Pressure connectors are molded, 1/8 in.female NPT	1 (6.895)	SPDT	0.05 to 5 (0.012 to 1.24)	0.04 (0.01)	Adjustable	Yes	BKT229-1R
P32AF-1	-40°F (-40° C) min.; 167°F (75° C) max.	Low Pressure connectors are molded ,1/8 in.female NPT	1 (6.895)	SPDT	0.05 to 5 (0.012 to 1.24)	0.025 (0.006)	Adjustable	Yes	BKT182-1R
P32AF-2†	-40°F (-40° C) min.; 167°F (75° C) max.	Low Pressure connectors are molded ,1/8 in.female NPT	1 (6.895)	SPDT	0.05 to 5 (0.012 to 1.24)	0.025 (0.006)	Adjustable	Yes	BKT229-1R

Supplied with 1/4 in. compressor fitting, 4 in. extension tube, two mounting screws, and 'O' gasket (angle bared fitting insulated)