DIFFERENTIAL PRESSURE FLOW SENSOR

DPFS Series

The DPFS sensors are designed to sense diff­erential pressure in the inlet section of VAV (Variable Air Volume) terminal units and fan terminal units. They can also be used to sense di­fferential pressure at other locations in the main or branch duct systems. The di­fferential pressure read between the high “H” port and the low “L” port can be used to determine the air flow. Models o­ffer up to nine sensing points and sensing lengths of 8.02 to 55.01 cm (3-5/32 to 21-21/32”) to accommodate box size diameters of 10 to 76 cm (4 to 30”).

PRODUCT HIGHLIGHTS

* Durable ABS construction
* Gasketed mounting flange
* Push on connectors for 6 mm ID PVC tubing
* Available in lengths from 8.02 cm (3 5/32″) to 55.01 cm (21 21/32″) to accommodate duct sizes up to 76 cm (30″)
* Use with the LP3 or ULP Series air DP transmitters

SPECIFICATIONS

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| DESCRIPTION | ENGINEERING SPEC |
| MATERIAL | Light grey ABS/polycarbonate (UL94-5V) |
| MOUNTING | Integral flange with gasket |
| CONNECTION | 6.35 mm (1/4") nipple for 9.5 mm (3/8") OD polyethylene tubing |
| OPERATING TEMPERATURE | 4 to 49° C (40 to 120° F) |
| WEIGHT | 28 grams (1 oz)12” up - Welded Construction |
| APPROVALS | RoHS compliant |