

SPD310/SPD360



PART NUMBER

Part Number	Product
004700320	SPD310-100/300/500/1000 Pa
004700340	SPD310-1000/1200/2500/5000 Pa
004700360	SPD360-300/500/1000/2500 Pa

PRODUCT SPECIFICATIONS

Signal Output 0 - 10 VDC
Power 24 VAC $\pm 10\%$ /15 - 32 VDC
Load Resistance >50 k Ω m
Current Consumption 10 mA
Accuracy (linear output) $\leq 0.75\%$ FS
 0 - 100 Pa $\leq 1.5\%$ FS
Linearity inc. temperature and hysteresis $\leq 2\%$ FS
 0 - 100 Pa $\leq 4\%$ FS
Accuracy at ambient temp. of 25 °C/UG - 24V $\leq \pm 0.4\%$ FS

Ambient Temperature

Operation -20 to 60 °C (-4 to 140 °F)
Storage -30 to 85 °C (-22 to 185 °F)
Load Change <10 Hz
Response Time <10 ms

Materials:

Housing PP
Duct Connections ABS
Tubing PVC, soft
Enclosure Rating IP65
Weight 150 g
EMC Standards EN 50081-1, EN 50082-12

Max. Pressure

100/300/500/1000 Pa 10,000 Pa
 1000/1200/2500/5000 Pa 50,000 Pa

Differential Pressure Transmitter Air 0-10 V

SPD310/SPD360 Differential pressure transmitters are used in air handling systems for the monitoring of air ducts, filters and fans.

SPD310/SPD360 are electronic differential pressure transmitters that convert the measured differential pressure into an electric 0 - 10V signal. Four measuring ranges are user selectable (jumper/see table).

For special applications the output signal can be configured symmetrically (jumper "sym").

SPD360 has a LC display, showing the differential pressure in Pa or mbar (jumper "mbar") or InH₂O (jumper "InH₂O").

SPD310/SPD360 are delivered with 2 metres of tube and two plastic duct connectors.

Medium: air and non-aggressive gases.

