

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 ±10%/15 - 32 VDC
Load Resistance. >50 kOhm
Current Consumption. 10 mA
Accuracy (linear output). ≤0.75%FS
0 - 100 Pa ≤1.5%FS
Linearity inc. temperature and hysteresis ≤2%FS
0 - 100 Pa. ≤4%FS
Accuracy at ambient temp. of 25 °C/UG - 24V ≤±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 StandardsEN 50081-1, EN 50082-12

Max. Pressure

100/300/500/1000 Pa10,000 Pa
1000/1200/2500/5000 Pa50,000 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.

