



SPD310/SPD360

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 lnH₂O (jumper "lnH₂O").

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

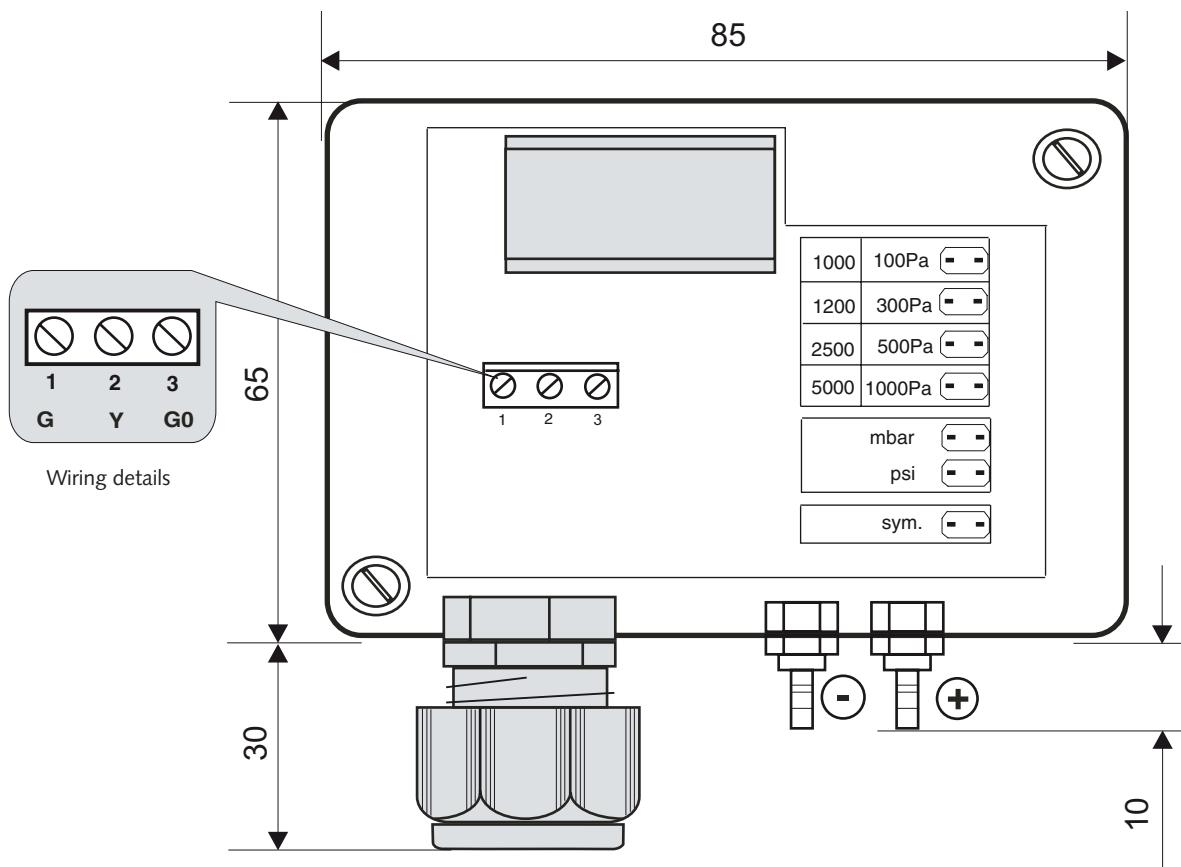
Medium: air and non-aggressive gases.

TECHNICAL DATA

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 Standards	EN 50081-1, EN 50082-12
Max. Pressure:	
Sensor Type 100/300/500/1000 Pa	10,000 Pa
Sensor Type 1000/1200/2500/5000 Pa	50,000 Pa

DIMENSIONS AND WIRING

Dimensions in mm



PART NUMBERS

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

Copyright © 2007, TAC
All brand names, trademarks and registered trademarks
are the property of their respective owners. Information
contained within this document is subject to change without
notice. All rights reserved.

03-00221-02-en

Europe / Headquarters
Malmö, Sweden

+46 40 38 68 50

Dallas, TX
+1 972-323-1111

Asia-Pacific
Sydney, Australia
+61 (0) 2 8336 6100

a company of
**Schneider
Electric**

t.q.c.®