

### Models

SPD70-010  
SPD70-020

### Description

Measures the pressure differential and converts the value to an analog signal (mA or Vdc). Primarily used in conjunction with a controller for bypass damper actuators in VAV systems.

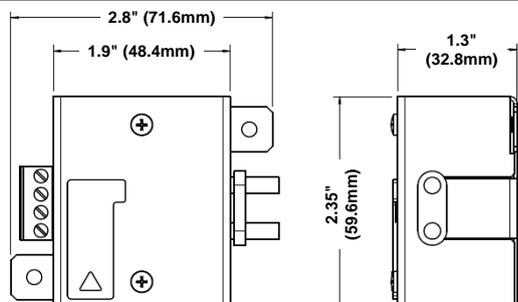


SPD Series

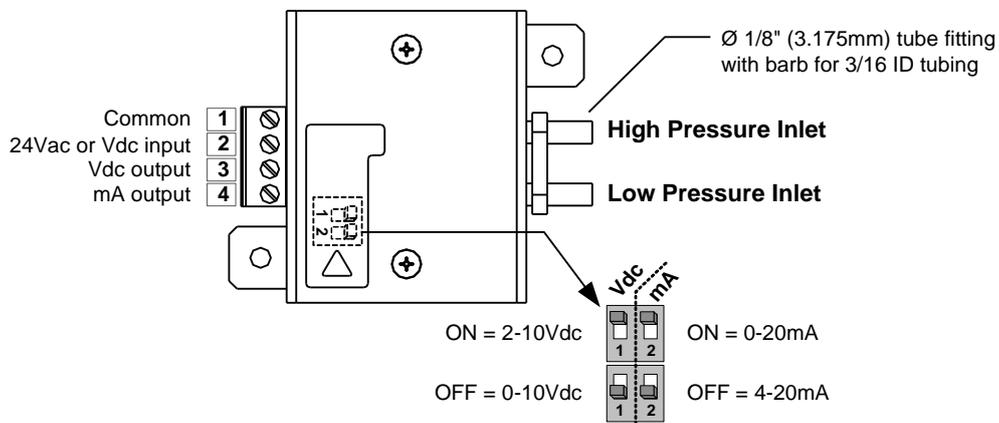
### Features

- Small footprint
- Simple and easy to install
- Selectable analog output signal range
- High flow impedance in the range of tens to hundreds of kPa

### Technical Specifications

Description	SPD70-010	SPD70-020
Measurement range	0-1" WC (0-0.25 KPa)	0-2" WC (0-0.5 KPa)
Power supply	24 Vac or Vdc ( $\pm 10\%$ )	
Power consumption	2 VA	
Electrical connection	0.8 mm <sup>2</sup> [18 AWG] minimum	
Pressure connection	1/8" (3.175mm) diameter tube fitting with barb for 3/16 ID tubing	
Signal outputs	0-10Vdc / 2-10Vdc and 4-20mA / 0-20mA DIP switch selectable	
Burst pressure	1.5 PSI (10.3 KPa)	
Operating temperature	0°C to 40°C [32°F to 104°F]	
	Compensated: 5°C to 55°C [41°F to 131°F]	
Storage temperature	-40°C to 80°C [-40°F to 176°F]	
Humidity	0 to 85%RH (non-condensing)	
Weight	0.25lbs (112g)	
Dimensions		

### Overview



Recycling at the end of life: please return this product to your Neptronic local distributor for recycling. If you need to find the nearest Neptronic authorized distributor, please consult [www.neptronic.com](http://www.neptronic.com).