Product datasheet

Specifications



Differential Air Pressure Trans: For the monitoring of air ducts, filters and fans, SPD310-100/300/500/1000Pa

EPP301

Main

Range of product	EP
Product or component type	Pressure transmitter sensor
Sensor model	EPP301
Type of measurement	Differential pressure
Device application	Duct pressure monitoring Filter monitoring Fan monitoring VAV control Air velocity monitoring
Burst pressure	5 psid (34.5 kPa)
Product certifications	CE
Controlled fluid	Air Gas
Fitting size	6 mm (0.24")
Fitting type	Male
IP degree of protection	IP65
location	Plant room
Mounting support	Panel
Depth	42 mm
Height	112 mm
Probe diameter	7 mm
Probe length	188 mm
Net weight	0.125 kg
Width	88 mm
Pressure measurement drift	Less than 2 %
Pressure measurement range	0...0.1" W.C. (0...25 Pa) 0...0.25" W.C. (0...50 Pa) 0...0.5" W.C. (0...100 Pa) 0...1" W.C. (0...250 Pa)
Ambient air temperature for operation	-20…60 °C
Standards	EN 61000-6-3 EN 61000-6-1 EN 61326-1 EN 61326-2-3
Calibration certificate	None
Local signalling	Red/green/blue LED

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

[Us] rated supply voltage	12...30 V DC 24 V AC

Complementary

Mounting mode	Panel
Output type	Analog 3-wire 0...5 V DC Analog 3 wires 0...10 V DC Analog 4...20 mA
Accuracy	+/- 1 % FS
Material	Brass: fitting
Electrical connection	- 22 AWG
Display type	LCD

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	20.7 cm
Package 1 Width	18.6 cm
Package 1 Length	6.2 cm
Package 1 Weight	200 g

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**0 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**23 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.3 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**57dc65ec-83cc-4ead-9500-efce8e489275**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**33**
End of life manual availability	End of Life Information
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**