

Product datasheet

Specifications



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

EPW105-LCD

Main

Range of product	EPW
Product or component type	Pressure transmitter sensor
Sensor model	EPW105-LCD
Type of measurement	Differential pressure
Device application	Pump and compressor differential pressure Chiller differential pressure monitoring
Analogue output type	4...20 mA 0...5 V DC 0...10 V DC
Burst pressure	1250 psig (85 bar)
Product certifications	CE
Controlled fluid	Water
Display size	17 x 36 mm
Fitting size	1/8" NPT
Fitting type	Female
IP degree of protection	IP65
Location	Plant room
Mounting support	Panel
Depth	56 mm
Height	102 mm
Width	147 mm
Pressure measurement accuracy	Range A/B: +/- 1 % FS, range C: +/- 1.5 % FS, range D: +/- 2 % FS
Pressure measurement range	0...25 psi (0...1.7 bar) 0...50 psi (0...3.5 bar) 0...100 psi (0...7 bar) 0...250 psi (0...17 bar)
Ambient air temperature for operation	-10...50 °C
Wiring technique	3-wire
Standards	EN 61000-6-1
Calibration certificate	None
Local signalling	Red/green LED

Max current draw	125 mA DC 280 mA AC
Relative humidity	0...90 % RH, non-condensing
[Us] rated supply voltage	24 V AC 15...30 V DC
Targeted region	North America.

Complementary

Mounting mode	Wall mount
Output type	Analog 3-wire
Material	Powder coated aluminium: enclosure Stainless steel: fitting
Accuracy	+/- 2 % 25 °C
Display type	LCD

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	76 cm
Package 1 Width	152 cm
Package 1 Length	165 cm
Package 1 Weight	863.64 g

Offer Sustainability

EU RoHS Directive	Not compliant
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Recommended replacement(s)