

Product datasheet

Specifications



EP Series Differential Pressure/Air Velocity Transducer, Duct Mounting, 0-10 in. WC/0-250 Pa

EPD302

EAN Code: 3606489709198

Main

Range of product	EP
Product or component type	Pressure transmitter sensor
Sensor model	EPD302
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	Duct
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 0.5 %
Pressure measurement range	0...1" W.C. (0...250 Pa) 0...2.5" W.C. (0...500 Pa) 0...5" W.C. (0...1000 Pa) 0...10" W.C. (0...2500 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

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
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Complementary

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

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	15 cm
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Package 1 Width	21.1 cm
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Package 1 Length	7.4 cm
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Package 1 Weight	160 g
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Logistical informations

Country of origin	SE
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Contractual warranty

Warranty (in months)	18
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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.
Environmental Disclosure	Product Environmental Profile
Carbon footprint of the manufacturing phase [A1 to A3]	3 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.

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	57dc65ec-83cc-4ead-9500-efce8e489275
REACH Regulation	REACH Declaration

Use Longer



Lifetime extension

Repair	No
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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