

Product data sheet

Specifications



EP Series Differential Pressure/ Air Velocity Transducer, Panel Mounting, 0-10 in. WC/0-2500 Pa

EPP302

Main

| | |
|---------------------------|--------|
| Sensor model | EPP302 |
| Range of product | TAC |
| Device short name | EP |
| Product or component type | Sensor |

Complementary

| | |
|----------------------------|---|
| [Us] rated supply voltage | 24 V AC 12...30 V DC |
| Output type | Analog 4...20 mA Analog 0...5 V DC Analog 0...10 V DC |
| Product certifications | CE |
| Controlled fluid | Air Gas |
| 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) |
| Type of measurement | Differential pressure |
| Burst pressure | 5 psid (34.5 kPa) |
| Device application | Duct pressure monitoring Filter monitoring Fan monitoring VAV control Air velocity monitoring |
| Wiring technique | 3-wire |
| Fitting size | 6 mm (0.24") |
| Fitting material | Brass |
| Enclosure material | ABS thermoplastic |
| IP degree of protection | IP65 |
| Location | Plant room |
| Pressure measurement drift | Less than 0.5 % |
| Fitting type | Male |
| Mounting mode | Panel |
| Mounting support | Panel |

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|--------------------------------|--|
| Standards | EN 61000-6-3 EN 61000-6-1 EN 61326-1 EN 61326-2-1 |
| Calibration certificate | None |
| Accuracy | +/- 1 % FS |
| Local signalling | Red/green/blue LED |
| AWG gauge | AWG 22 |
| Depth | 42 mm |
| Height | 112 mm |
| Width | 88 mm |
| Probe length | 188 mm |
| Net weight | 0.125 kg |
| Probe diameter | 7 mm |

Environment

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| Ambient air temperature for operation | -20...60 °C |
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Packing Units

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|-------------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 159.09 g |
| Package 1 Height | 5.1 cm |
| Package 1 width | 12.7 cm |
| Package 1 Length | 12.7 cm |

Offer Sustainability

| | |
|-----------------------------------|---|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |