# Product datasheet

Specifications




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

EPP302LCD

## Main

| | |
|---|---|
| **Range of product** | TAC |
| **Product or component type** | Pressure transmitter sensor |
| **Sensor model** | EPP302LCD |
| **Type of measurement** | Differential pressure |
| **Device application** | Duct pressure monitoring<br>Filter monitoring<br>Fan monitoring<br>VAV control<br>Air velocity monitoring |
| **Burst pressure** | 5 psid (34.5 kPa) |
| **Product certifications** | CE |
| **Controlled fluid** | Air<br>Gas |
| **Display size** | 17 x 28 mm |
| **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 0.5 % |
| **Pressure measurement range** | 0...1" W.C. (0...250 Pa)<br>0...2.5" W.C. (0...500 Pa)<br>0...5" W.C. (0...1000 Pa)<br>0...10" W.C. (0...2500 Pa) |
| **Ambient air temperature for operation** | -20…60 °C |
| **Wiring technique** | 3-wire |
| **Standards** | EN 61000-6-3<br>EN 61000-6-1<br>EN 61326-1<br>EN 61326-2-1 |

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

| | |
|---|---|
| **Calibration certificate** | None |
| **Local signalling** | Red/green/blue LED |
| **[Us] rated supply voltage** | 12...30 V DC<br>24 V AC |

## Complementary

| | |
|---|---|
| **Mounting mode** | Panel |
| **Output type** | Analog 3-wire 4...20 mA<br>Analog 0...5 V DC<br>Analog 0...10 V DC |
| **Accuracy** | +/- 1 % FS |
| **Material** | ABS thermoplastic: enclosure<br>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** | 16.7 cm |
| **Package 1 Width** | 20.4 cm |
| **Package 1 Length** | 7 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] | **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.** |
| 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** |