

HE 5410

Differential pressure measuring transducer



The differential pressure measuring transducer HE 5410 is a universal measuring transducer for small and medium pressures. By fitting it with various pressure sensors, measuring ranges between 2.5 and 1000 mbar can be realised. Two connection cables are used for the power supply.

The feed current is the measurement signal from 4...20 mA. The operating state is indicated with an LED.

| TECHNICAL DATA | |
|-----------------------|---|
| Power supply | 10...36 V DC |
| Operating temperature | -10 °C...+50 °C |
| Measuring systems | Semi-conductor sensor |
| Medium | Air as well as dry, non-aggressive gases |
| Measuring range: | |
| mbar | 0...2.5 / 5 / 10 / 25 / 50 / 100 / 250 / 500 / 1000 |
| Pressure connection: | |
| Hose nipple | For hose with 4 mm or 6 mm inside diameter |
| Analogue output | 4...20 mA (two-wire technique) |
| Accuracy: | |
| Basic accuracy | ±1 % of end value |
| Temperature drift | ±0.05 % / K of end value |
| Hysteresis | ±0.5 % of end value |
| Electrical connection | Spring clamp terminals for conductors 0.2...1.5 mm ² |
| Casing: | |
| Plastic casing | 88 x 88 x 53 mm (W x H x D) |
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| ORDERING DATA | ORDER NUMBER | PU |
|---|--------------|----|
| HE 5410 | 541000xx | 1 |
| Example: HE 5410, -5...+5 mbar, 4 mm connection, plastic casing | 54100051 | 1 |
| Other ordering data can be found on page 73 | | |

| ACCESSORIES | ORDER NUMBER | PU |
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| APPROVAL | |
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| Conformity marking | CE |
| ATEX | ATEX II 3D T135 °C IP65 zone 22 (plastic casing only) |
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