

8349900.0000.00000

Differential pressure measuring transducer

- > Differential pressure measuring transducer for control
8349120.00000.xxxxx
- > Universal measuring transducer for small and medium pressures
- > Two connection cables are used for the power supply
- > By fitting it with various pressure sensors, measuring ranges between 2.5 and 1000 mbar can be realised
- > The operating state is indicated with an LED



Technical features

Power supply:

$U_b = 10 \dots 36$ V d.c.
(auxiliary energy)

Ambient temperature:

$-20 \dots +55^\circ\text{C}$ ($4 \dots +122^\circ\text{F}$)
EX-Zone 22:

$-20 \dots +40^\circ\text{C}$ ($4 \dots +104^\circ\text{F}$)

Measuring systems:

Semi-conductor sensor

Medium:

Air as well as dry,
non-aggressive gases

Measuring range:

0 ... 50 mbar

Analogue output:

4 ... 20 mA (two-wire technique)

Max. admissible load:

$R_A = > (U_b - 9 \text{ V}) / 0,02 \text{ A}$

Pressure connection:

Quick coupling for hose with
6 mm outer diameter

Electrical connection:

Push-in-spring-loaded terminals
0,2 ... 1,5 mm²

Approval:

Ex II 3D Ex tc IIIC T135°C DC

Dimensions:

88 x 88 x 53 mm

Technical datas – standard models

Measuring range (mbar)	Model
0 ... 50	8349900.0000.00000