

8349900.0000.00000

Differential pressure measuring transducers
for controller 83499120.0000.xxxxx

- The differential pressure measuring transducer 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 operating state is indicated with an LED

Technical Data

Power supply:

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

Ambient temperature:

$-20 \dots +50^\circ\text{C}$ ($-4 \dots 122^\circ\text{F}$)

Ex area 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 ... 1000 mbar

Analogue output:

4 ... 20 mA

Pressure connection:

Quick action coupling for
6 mm outer diameter

Max. admissible load:

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

Electrical connection:

Push-in-spring clamp terminals

Approval:

⊕ II 3D Ex tc IIC T135°C DC

⊕ II 3G Ex nR IIC T4 Gc

Measuring:

113 x 80 x 60 mm



● Technical data - standard models

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