



DVT02

For absolute pressure measurement

Specifications:

Measuring range:	0 ... 1300 mbar abs.
Overload:	max. 4 bar abs.
Resolution:	1 mbar
Pressure units:	mbar, bar, kPa, MPa, PSI, mmHg, mH ₂ O
Accuracy: (typ. values)	
hysteresis and linearity:	± 0.2 % FS
temperature-influence from 0 -50 °C:	± 0.4 % FS
Option higher accuracy available:	yes
Pressure connection:	1

Sonderfunktion:

SeaLevel-correction:

The barometric air pressure can also be related to sea level „zero“. (Correction of air pressure is achieved by entering m above „zero“)



Type specific data:

Display:	2 x 4½-digit LCD
Sensor:	piezoresistive differential pressure sensor internally built into the instrument. Suitable for air and non-aggressive gases. <i>(Note: Not suited for water!)</i>
Pressure connection:	2 pressure port for universal 6 x 1 mm or 8 x 1 mm plastic tubing
Output:	interface
- serial interface:	x
- analog output:	--
Power supply:	9 V-battery, d.c. connector
Sensor adjustment:	digital offset and scale input
Peak value memory:	--
Measuring cycle:	4 measurements / s
Averaging function:	--
Power consumption:	approx. 0.6 mA
Working condition:	-25 ... +50 °C, 0 ... +95 % RH (non-condensing)
Housing:	142 x 71 x 26 mm, impact-resistant ABS plastic housing. Front side IP65 integrated pop-up clip for table top or suspended use.
Weight:	approx. 165 g
Scope of supply:	Device, battery, manual

