



## Differential pressure transmitter for air and non-corrosive gases



Differential pressure transmitter for air and non-corrosive gases.

- High level of accuracy and stability
- Quick and easy mounting

Technical Data	
Supply voltage	24 V AC (24 V DC, 2-wire for 4...20 mA)
Accuracy	+/-1% fs
Ambient temperature	0...70°C

Description	Working range	Output signal	Type	Leaflet
Differential pressure transmitter	-50...+50 Pa	0...10 V	DTL05/05	6-605
	-50...+50 Pa	4...20 mA	DTL05/05-420	
	0...100 Pa	0...10 V	DTL1	
	0...100 Pa	4...20 mA	DTL1-420	
	0...300 Pa	0...10 V	DTL3	
	0...300 Pa	4...20 mA	DTL3-420	
	0...500 Pa	0...10 V	DTL5	
	0...500 Pa	4...20 mA	DTL5-420	
	0...1000 Pa	0...10 V	DTL10	
	0...1000 Pa	4...20 mA	DTL10-420	
	0...1600 Pa	0...10 V	DTL16	
	0...1600 Pa	4...20 mA	DTL16-420	
	0...2500 Pa	0...10 V	DTL25	
	0...2500 Pa	4...20 mA	DTL25-420	
	0...5000 Pa	0...10 V	DTL50	
	0...5000 Pa	4...20 mA	DTL50-420	
All transmitters above are available in display version (LCD). N.B. Not X-stock			DTL...-D	

Accessories		Type	Leaflet
2 m hose and two pressure outlets ANS		ANS	6-650
Calibration certificate	DTL-series can be ordered with calibration certificate. For constructions with higher calibration demands.	CCERT-H	



## Differential pressure transmitter for liquids and gases



Differential pressure transmitter for measuring liquids (also glycol blended) and gases (not ammonia). The measuring element is made of a ceramic material that gives good stability and measuring accuracy.

- Excellent long term stability
- Wide range

Technical Data	
Output	0...10 V or 4...20 mA (two-wire)
Supply voltage	24 V AC / 18...33V DC (output 0...10 V) 11...33 V DC, 2-wire (output 4...20 mA)
Accuracy	+/-1,3% fs (DTK10...DTK250) +/-0,8% fs (DTK400) +/-0,5% fs (DTK600...DTK2500)
Ambient temperature	-15...+80°C
Connection	Screw fitting for pipe Ø 6 mm
Protection class	IP65

Description	Working range	Output signal	Max overload (one side)	Type	Leaflet
Differential pressure transmitter	0...10 kPa	0...10 V	60 kPa	DTK10	6-620
	0...10 kPa	4...20 mA	60 kPa	DTK10-420	
	0...20 kPa	0...10 V	120 kPa	DTK20	
	0...20 kPa	4...20 mA	120 kPa	DTK20-420	
	0...40 kPa	0...10 V	200 kPa	DTK40	
	0...40 kPa	4...20 mA	200 kPa	DTK40-420	
	0...100 kPa	0...10 V	500 kPa	DTK100	
	0...100 kPa	4...20 mA	500 kPa	DTK100-420	
	0...250 kPa	0...10 V	1200 kPa	DTK250	
	0...250 kPa	4...20 mA	1200 kPa	DTK250-420	
	0...400 kPa	0...10 V	1200 kPa	DTK400	
	0...400 kPa	4...20 mA	1200 kPa	DTK400-420	
	0...600 kPa	0...10 V	1200 kPa	DTK600	
	0...600 kPa	4...20 mA	1200 kPa	DTK600-420	
	0...1000 kPa	0...10 V	2000 kPa	DTK1000	
	0...1000 kPa	4...20 mA	2000 kPa	DTK1000-420	
	0...1600 kPa	0...10 V	3200 kPa	DTK1600	
	0...1600 kPa	4...20 mA	3200 kPa	DTK1600-420	
	0...2500 kPa	0...10 V	5000 kPa	DTK2500	
	0...2500 kPa	4...20 mA	5000 kPa	DTK2500-420	

Accessories	Type	Leaflet
Nipple (R=1/8 27NPT") for connection of Ø 6 mm copper pipe	DTK-Nippel	
Copper pipe Ø 6 mm, length 30 cm	DTK-R	



## Pressure transmitter for liquids



Pressure transmitter for liquids (also glycol blended) and gases (not ammonia). Can also be delivered with other specifications, for example with absolute pressure. For more information, see our product sheet.

- Excellent long term stability
- Extremely low temperature dependency

Technical Data	
Output	0...10 V or 4...20 mA (two-wire)
Supply voltage	24 V AC / 18...33V DC (output 0...10 V) 11...33 V DC, 2-wire (output 4...20 mA)
Accuracy	+/- 0.3%
Connection	R1/4"
Sealing	EPDM
Temperature range	-15...+80°C *
Protection class	IP65

Description	Working range	Output	Type	Leaflet
Pressure transmitter	0...100 kPa	0...10 V	TTK1	6-610
	0...100 kPa	4...20 mA	TTK1-420	
	0...200 kPa	0...10 V	TTK2	
	0...200 kPa	4...20 mA	TTK2-420	
	0...500 kPa	0...10 V	TTK5	
	0...500 kPa	4...20 mA	TTK5-420	
	0...1000 kPa	0...10 V	TTK10	
	0...1000 kPa	4...20 mA	TTK10-420	
	0...1600 kPa	0...10 V	TTK16	
	0...1600 kPa	4...20 mA	TTK16-420	
	0...2500 kPa	0...10 V	TTK25	
	0...2500 kPa	4...20 mA	TTK25-420	
	0...4000 kPa	0...10 V	TTK40	
	0...4000 kPa	4...20 mA	TTK40-420	
	0...10 MPa (100bar)	0...10 V	TTK100	
0...10 MPa (100bar)	4...20 mA	TTK100-420		

Accessories	Type	Leaflet
* When using higher media temperatures than the sensor can handle, this mounting spacer lowers the temperature.	105074	
Adapter for transforming 1/4" to 1/2"	ADAPTER	

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