

# D5620

## Precise SMART differential pressure transmitter with HART communication

- Only six basic ranges cover pressures from 200 Pa to 10 MPa.
- Programmable current output 4 to 20 mA with HART communication.
- Easily configurable and scalable up to 1:20, sensor zeroing.
- Accuracy of 0.075% in reference conditions and 0.5% FS over the entire ambient temperature range of -10 to 80 °C.
- Stainless steel separating diaphragm.
- Robust aluminium case with display.
- Can be reconfigured using built-in buttons, HART-Conf handheld configurator or software HARTWin-Conf and standard HART modem.
- Supply voltage 11.5 to 55 V DC.



### Ordering table

Precise SMART differential pressure transmitter with aluminium case and display				D5620	①	②	③	④	⑤	⑥	⑦
Base range				D5620	①	②	③	④	⑤	⑥	⑦
1. code	Differential pressure	Min. span	Overload								
D006	adjustable from -6 kPa to 6 kPa	200 Pa	25 MPa / 16 MPa								
D040	adjustable from -40 kPa to 40 kPa	400 Pa	25 MPa / 16 MPa								
D125	adjustable from -250 kPa to 250 kPa	2,5 kPa	25 MPa / 16 MPa								
D210	adjustable from -500 kPa to 1 MPa	10 kPa	25 MPa / 16 MPa								
D230	adjustable from -500 kPa to 3 MPa	30 kPa	25 MPa / 16 MPa								
D310	adjustable from -500 kPa to 10 MPa	100 kPa	25 MPa / 16 MPa								
Pressure connection				D5620	①	②	③	④	⑤	⑥	⑦
2. code	Description										
N2	1/2" - 14 NPT traditional flange										
N4	1/4" - 18 NPT traditional flange										
999	other										
Sealing				D5620	①	②	③	④	⑤	⑥	⑦
3. code	Description										
1	welded stainless steel										

**Accuracy** D5620 ① ② ③ ④ ⑤ ⑥ ⑦

4. code	Description
P02	0,2 % (standard)
P01	0,075 %

**Cable outlet** D5620 ① ② ③ ④ ⑤ ⑥ ⑦

5. code	Description
R1	1× M20×1,5 for cables Ø 6-8 mm, IP 67

**Output signal** D5620 ① ② ③ ④ ⑤ ⑥ ⑦

6. code	Description
CR	current 4 to 20 mA with HART communication
MB	MODBUS / RS 485

**Setting requirement** D5620 ① ② ③ ④ ⑤ ⑥ ⑦

7. code	Description
NR	without setting
QR	sensor settings according to the following parameters

**Software settings of sensor (only for QR)** D5620 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

8. code	Range setting	
RL(____) RH(____)	minimum (4 mA) and maximum (20 mA) of range	put the pressure values and units in brackets
8. code	Damping setting	
DP(____)	output signal damping	put the value in seconds in brackets
8. code	Error indication setting	
ECL	error current at fault is less than 3.6 mA	
ECH	error current at fault is greater than 21 mA	

**Optional accessories**

Code	Description
BZS	customer label with description according to the order
KTL	calibration of electromechanical pressure gauges
HARTConf	handheld configurator for transmitters with HART communication and HART-USB modem
HARTWinCom	setup kit for setting up transmitters with HART communication
B1	angle bracket with clamp for 2" pipe (for traditional flange)

Order example:

**D5620 ① ② ③ ④ ⑤ ⑥ ⑦ → D5620 D210 N2 1 P02 R1 CR NR**

