

DIFFERENTIAL PRESSURE

DWYER Differential Gauges

2000 series Magnehelic®

- Aluminum case, 4 3/4" dia
- Accuracy ±2%FS (±3% for the -0 and ±4% for the -00)
- Fittings 1/8" npt female (2 pairs)
- Shipped with 2 x 1/8" npt plugs, 2 x 1/8" adapters and mounting surface screws

Code	H ₂ O Inches	Pascals	Price
2000-00D	0-0.25	0-60	\$ 110.40
2000-0D	0-0.5	0-125	\$ 99.60
2001D	0-1	0-250	\$ 99.60
2002D	0-2	0-500	\$ 99.60
2003D	0-3	0-750	\$ 99.60
2004D	0-4	0-1,0 kPa	\$ 99.60
2006D	0-6	0-1,5	\$ 99.60
2008D	0-8	0-2,0	\$ 99.60
2010D	0-10	0-2,5	\$ 99.60
2015D	0-15	0-3,75	\$ 99.60
2020D	0-20	0-5	\$ 99.60
2025D	0-25	0-6,25	\$ 99.60
2030D	0-30	0-7,5	\$ 99.60
2040D	0-40	0-10	\$ 99.60
2050D	0-50	0-12,5	\$ 99.60
2060D	0-60	0-15	\$ 99.60



Popular ranges;
others available on request.

Up to 150 inH₂O,
100 mmH₂O,
300 cmH₂O, 30 kPa

Popular Accessories

A-301	Static pressure probe with compression fitting	\$ 12.30
A-302	Static pressure probe with barbed fitting	\$ 11.30
A-432	Carrying case and support plate	\$ 51.17
A-605	Air filter kit (plate, two probes, two aluminum hoses and two valves)	\$ 44.60

DWYER Differential Switches

A3000 series Photohelic®

- Accuracy ±2%FS (±3% for the -0 and ±4% for the -00)
- Two DPDT relay outputs, 10A at 120Vac, 6A at 240Vac
- Easy front set point settings, fixed deadband (less than 1% FS)
- Fittings 1/8" npt female
- UL/Acnor approved

Popular Models

Code	inCE	Price
A3000-00	0-0.25	\$ 434.70
A3000-0	0-0.5	\$ 412.70
A3001	0-1	\$ 387.70
A3002	0-2	\$ 387.70
A3003	0-3	\$ 383.20
A3004	0-4	\$ 412.70
A3006	0-6	\$ 412.70
A3008	0-8	\$ 412.70
A3010	0-10	\$ 373.50
A3015	0-15	\$ 412.70
A3020	0-20	\$ 412.70
A3025	0-25	\$ 412.70
A3030	0-30	\$ 412.70
A3040	0-40	\$ 412.70
A3050	0-50	\$ 412.70
A3060	0-60	\$ 412.70
A3080	0-80	\$ 412.70
A3100	0-100	\$ 412.70
A3150	0-150	\$ 412.70



Popular Accessories

Code	Description	Price
A-301	Static pressure probe with compression fitting	\$ 12.30
A-302	Static pressure probe with barbed fitting	\$ 11.30

Popular ranges;
others available on request.
Up to 500 inH₂O,
300 inH₂O,
30 psi, 6000 psi

KIMO Differential Pressure Sensors

Sensor-transmitter class 50

- IP65 Case
- Range -5000 to 10000 Pa (adjustable to min. range of 0 to ±1000 Pa)
- Configurable units : Pa, mmH₂O, mbar, inchesH₂O, mmHg
- Range can be adjusted via software or micro-switches
- Output 4-20mA or 0-10Vcc, supply 24Vac/dc (3-4 wire)



CP50

Code	Description	Price
CP-50	Differential pressure transmitter	\$ 190

Sensor-transmitter class 100

- IP65 Case
- With or without 5 digits display
- Adjustable ranges (min 10% FS) via software or micro-switches
- Output 4-20mA or 0-10Vcc, supply 24Vac/dc (2-3-4 wire)
- Accuracy ±1.5% of reading ±3 digits
- Manual autozero, via internal switch



CP100

Code	Supply / output	Display	Price
CP10x-AO	Active 0-10 or 4-20 (A), 24 Vac/dc	Yes (O)	\$ 280
CP10x-AN	Active 0-10 or 4-20 (A)	No (N)	\$ 240
CP10x-PO	Passive 4-20 (P), 18/30 Vcc	Yes (O)	\$ 270
CP10x-PO	Passive 4-20 (P)	No (N)	\$ 230

Codes	Range
1	-500/+1000 Pa
2	-500/+1000 mm H ₂ O
3	-250/+500 mbar
4	-1000/+2000 mBar

Code	Description	Price
LCC-100	Calibration software for monostats and 50/100 class with manual and RS232 cable.	\$ 220

Sensor-transmitter class 200 and 300

- ABS IP65 case
- With or without back-lit display, can display up to 2 parameters at the same time.
- Programmable range (min 10% of FS) via software or micro-switches.
- Air velocity or Flow output function (optional), 3 to 100 m/s or 0 to 100 000 m³/h (model dependent)
- 2 outputs 4-20mA or 0-10Vcc (4 fils), RS232, 2 relays 6A/230Vac
- 2 audible and visual alarms
- Accuracy ±1% of reading ±2 digits
- Autozero, manual or push-button

Code	Supply/output	Display	Price
CP20x-BN	24Vac/dc (B)	No (N)	\$ 540
CP20x-BO	24Vac/dc (B)	Yes (O)	\$ 610
CP20x-MN	115Vac (M)	No (N)	\$ 570
CP20x-MO	115Vac (M)	Yes (O)	\$ 640

Sensor-transmitter class 300

- Air velocity or Flow output function (optional), 2 to 100 m/s or 0 to 100 000 m³/h (model dependent)
- Manual or automatic temperature compensation (probe sold separately.)
- Secondary input for KIMO transmitters (class 200 and 300) and T/C type K
- Optional RS 485 Modbus communication

Code	Supply/output	Display	Case	Price
CP30x-BNP	24Vac/dc (B)	No (N)	ABS (P)	\$ 630
CP30x-BOA	24Vac/dc (B)	Yes (O)	ABS (P)	\$ 730
CP30x-BNA	24Vac/dc (B)	No (N)	ALU (A)	\$ 770
CP30x-BOP	24Vac/dc (B)	Yes (O)	ALU (A)	\$ 870
CP30x-MNP	115Vac (M)	No (N)	ABS (P)	\$ 660
CP30x-MOP	115Vac (M)	Yes (O)	ABS (P)	\$ 760
CP30x-MNA	115Vac (M)	No (N)	ALU (A)	\$ 800
CP30x-MOA	115Vac (M)	Yee (O)	ALU (A)	\$ 900

Code	Description	Price
SQR/2	Square root extraction option for the direct measurement of air velocity or air volume for CP200 and CP300 transmitters	\$ 100
RS4	RS485 output, Modbus protocol, for class 300	\$ 130
LCC-300	Calibration software for monostats and 200/300 manual and RS232 cable.	\$ 220



CP200



CP300

Range code table model 200

Code	Range
1	-1000/+1000 Pa
2	-10000/+10000 Pa
3	-500/+500 mbar
4	-2000/+2000 mBar

Range code table model 300

Code	Range
1	-100/+100 Pa
2	-500/+500 Pa
3	-1000/+1000 Pa
4	-10000/+10000 Pa