



Air Differential Pressure Switches

To monitor air flow, dirty filters, flue draught, frost on coils & level. For positive, negative, vacuum & differential pressure. Suitable for non-corrosive, non-combustible air/gases.

Specification

Enclosure: EDA.. EADP.. : Plastic
EFS.. : Steel zinc plated

EFS-02HT - High Temperature model includes - 2 x Brass Duct Adaptors for 6mm OD metal tube.

EDA..., EADP... & EFS... Series

Range mbar	Diff. mbar Approx.	Max Press mbar	230VAC SPDT	Media Temp °C	Rating	Part No.	Price Each
0.2/3	0.1/0.4	50	1(0.5)A	-20/+85	IP54	EDA-22	£19.00
0.5/5	0.2/0.7	50	1(0.5)A	-20/+85	IP54	EDA-33	£19.00
1/10	0.3/1	50	1(0.5)A	-20/+85	IP54	EDA-44	£19.00
5/20	0.5/2	50	1(0.5)A	-20/+85	IP54	EDA-55	£33.00
0.2/2	0.2	50	1.5 (0.4)A	-20/+85	IP54	EADP-2	£15.00
0.5/5	0.2	50	1.5 (0.4)A	-20/+85	IP54	EADP-5	£15.00
2/10	1	50	1.5 (0.4)A	-20/+85	IP54	EADP-10	£15.00
5/25	1.5	50	1.5 (0.4)A	-20/+85	IP54	EADP-25	£19.00
0.2/2	0.2	50	1.5 (0.4)A	-20/+85	IP65	EADP-2W	£38.00
0.5/5	0.2	50	1.5 (0.4)A	-20/+85	IP65	EADP-5W	£38.00
2/10	1	50	1.5 (0.4)A	-20/+85	IP65	EADP-10W	£38.00
0.13/30	0.05/2	35	10(2)A	80	IP30	EFS-02	£39.00
0.13/30	0.05/2	35	10(2)A	300	IP30	EFS-02HT	£70.00

Accessories

Description	Part No.	Price Each
Brass duct flange for 6mm OD metal tube	EE-BFN	£7.00
Copper tube 6mm OD x 10m for EFS...	EE-CT6	£18.00
Duct kit 2m EE-PH + 2xEE-PT for EFS-02	EE-D1	£4.00
Duct kit 2m EE-PH + 2xEE-PT for EDA... & EADP	EE-D2	£3.00
PVC hose 5x8mm (order per metre)	EE-PH	£0.60
70mm Plastic duct adaptor for use with PVC hose	EE-PT	£0.60
Plastic T connector for use with PVC hose	EE-TE	£1.00
Plastic straight connector for use with PVC hose	EE-TA	£1.00
Plastic Y Connector for use with PVC hose	EE-TY	£1.00



Air Differential Pressure Switches

The PA-604 range of high sensitivity Air Differential Pressure Switches are for low differential pressure switch applications. Suitable for use in air-conditioning systems to provide an indication of fan status and filter dirty conditions. The switching setpoint is adjusted by means of a calibrated knob, mounted under the main cover to avoid tampering. Units are supplied complete with a duct fixing kit and mounting bracket.

Features

- Close switching differential
- Four ranges to cover all applications
- Duct fixing kit included
- IP65 housing option

PA-604 Series

Type	Differential	Part No.	Price Each
IP54 Switch Housing			
20 - 300Pa	10 - 40Pa	PA-604-90	£14.75
50 - 500Pa	20 - 70Pa	PA-604-91	£14.75
100 - 1000Pa	30 - 100Pa	PA-604-92	£14.75
500 - 1000Pa	30 - 100Pa	PA-604-94	£14.75
IP65 Switch Housing (including Switch)			
20 - 300Pa	10 - 40Pa	PA-604-90-IP65	£38.50
50 - 500Pa	20 - 70Pa	PA-604-91-IP65	£38.50
100 - 1000Pa	30 - 100Pa	PA-604-92-IP65	£38.50
500 - 1000Pa	30 - 100Pa	PA-604-94-IP65	£38.50

Air Differential Pressure Switches

These are high sensitivity Air Differential Pressure Switches, suitable for providing an indication of fan status and dirty filter conditions. The switching setpoint is adjusted by means of a calibrated knob mounted under the main cover. Units are supplied complete with a duct fixing kit.

Features

- Duct fixing kit included
- IP54 or IP65 housing option

PA-930 Series



Description	Part No.	Price Each
IP54 Switch Housing		
20 - 200Pa	PA-930-80	£13.00
40 - 100Pa	PA-930-81	£13.00
50 - 500Pa	PA-930-83	£13.00
200 - 1000Pa	PA-930-85	£13.00
IP65 Switch Housing (including Switch)		
20 - 200Pa	PA-930-80-IP65	£36.75
40 - 100Pa	PA-930-81-IP65	£36.75
50 - 500Pa	PA-930-83-IP65	£36.75
200 - 1000Pa	PA-930-85-IP65	£36.75
Accessories		
Right angle mounting bracket	PA-930-B	£2.75
Duct fixing kit	DFK	£2.25
Tee piece air pressure (Pk of 10)	TEE	£23.00 pk
PVC tube 8mm o/d, 30m reel	PA-TUBE-8MM	£23.00

Honeywell



Air Differential Pressure Switches

Filter monitor or flow switch for air, non-combustible, non aggressive gases in air conditioning and ventilating installations. The Pressure Switch comes complete with DPSK Duct Kit.

Specification

Max. pressure 50 mbar
Protection IP54

Pressure Switch

Pressure Adj. Range mbar	Switching differential mbar	Part No.	Price Each
0.2 ... 2	0.1	DPS200	£28.00
0.4 ... 4	0.2	DPS400	£28.00
0.5 ... 5	0.2	DPS500	£28.00
2 ... 10	1	DPS1000	£30.00
5 ... 25	1.5	DPS2500	£30.00

Accessories

Description	Part No.	Price Each
L-shaped bracket for installation turned by 90o, e.g. in the ceiling area	DPSL	£3.00

Electro Controls Limited
A Division of ABGO Industries



EDT-...

Air Differential Pressure Transmitters

These devices measure vacuum, pressure or differential pressure of air and non-combustible, non-aggressive gases across fans, filters, air flow devices etc and give a 0-10VDC output signal linear across the range. Suitable for air conditioning, ventilation and building management systems. Models with square root extracted output are available on request.

Specification

Accuracy: <3% (EDT-050)
<2% (EDT-1...25)
Pressure: -0.25 to +2 bar

EDT... Series

Range mbar	Max. Press. mbar	Output Signal	Pressure Connections	Rating	Part No.	Price Each
-0.5 to +0.5	50	0-10VDC	6mm push-on	IP54	EDT-050	£113.00
0 to 1	50	0-10VDC	6mm push-on	IP54	EDT-1	£102.00
0 to 3	50	0-10VDC	6mm push-on	IP54	EDT-3	£102.00
0 to 5	50	0-10VDC	6mm push-on	IP54	EDT-5	£102.00
0 to 10	50	0-10VDC	6mm push-on	IP54	EDT-10	£102.00
0 to 16	50	0-10VDC	6mm push-on	IP54	EDT-16	£102.00

TITAN
Products Ltd.



Air Differential Pressure Transmitters (multi-range)

Specification

Supply: 24 Volts AC or DC
Accuracy: 0.5%
Output: 0-10 Volts or 4-20mA

TPD Series

Type	Part No.	Price Each
Selectable pressure sensor 0-50, 0-125, 0-250, 0-500, 0-1000, 0-2000, 0-2500	TPDPT6	£70.00
Multi range differential pressure sensor with positive/negative selection on all ranges	TPDPT7	£75.00
Multi range differential pressure sensor with positive/negative selection on all ranges & Digital Display 8 selectable ranges:- 0-50, 0-125, 0-250, 0-500, 0-1000, 0-1500, 0-2000, 0-2500	TPDPT7/D	£95.00

Note:- All pressure are supplied with 2 metres of tube and 2 Pilot Connections

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Air DP Sensors

These sensors are designed for differential pressure measurements of air and other neutral gases. The unit is especially suited for measurement and control in HVAC applications. The measurement cell uses an advanced design capacitive element to ensure excellent linearity and stability.

Features

- Two accuracy levels to suit different applications
- Available in ranges as low as 0 - 25Pa
- Integral LCD option
- IP65 housing with 20mm cable entry and gland
- Duct fixing kit included
- Three multi-range versions available

PA-267 Series

Type	Description	Part No.	Insert Option	Price Each
0 - 25Pa	4-20mA Transmitter	PA-267-25	<input type="checkbox"/>	£128.50
0 - 50Pa	4-20mA Transmitter	PA-267-50	<input type="checkbox"/>	£128.50
0 - 100Pa	4-20mA Transmitter	PA-267-100	<input type="checkbox"/>	£128.50
0 - 300Pa	4-20mA Transmitter	PA-267-300	<input type="checkbox"/>	£128.50
0 - 500Pa	4-20mA Transmitter	PA-267-500	<input type="checkbox"/>	£128.50
0 - 1000Pa	4-20mA Transmitter	PA-267-1000	<input type="checkbox"/>	£128.50
0 - 1600Pa	4-20mA Transmitter	PA-267-1600	<input type="checkbox"/>	£128.50
0 - 2500Pa	4-20mA Transmitter	PA-267-2500	<input type="checkbox"/>	£128.50
0 - 3000Pa	4-20mA Transmitter	PA-267-3000	<input type="checkbox"/>	£128.50

Multi-range Sensors

50, 100 & 200Pa	Multi-range, Tx acc, 4 - 20mA	PA-267-M50	£147.00
	0-10 Voltage output	PA-267-M50V	£147.00
250, 50 & 1000Pa	Multi-range, Tx acc, 4 - 20mA	PA-267-M250	£147.00
	0-10 Voltage output	PA-267-M250V	£147.00
625, 1250 & 2500Pa	Multi-range, Tx acc, 4 - 20mA	PA-267-M625	£147.00
	0-10 Voltage output	PA-267-M625V	£147.00

Accessories

Duct fixing kit	DFK	£2.25
Tee Pieces air pressure (pack of 10)	TEE	£23.00 Pk
PVC tube 8mm o/d, 30m reel	PA-TUBE-8MM	£23.00
Calibration certificate *	PA-267-CAL	£36.75

* This option must be specified at the time of sensor order. They are built to order and not available ex-stock.

Part No. Completion
When ordering complete the Part No. by adding the following:-

PA-267 Series

Options		Add
High accuracy	AH	£55.00
Bi-directional	B	£18.50
Integral LCD Screen	LCD	£73.50
0-10 Voltage output	V	£0.00



Air DP Sensors

This range of differential pressure transmitters incorporate a proved ceramic fulcrum lever technology. They deliver calibrated, temperature-compensated sensor signals, available as standard voltage or current outputs. They are ideal for registering low air flow in air-conditioning systems and for the measurement of fine pressures in environmental, laboratory and clean room applications (air and non-corrosive gases).

Features

- IP65 housing
- Compact construction
- Easy mounting
- Duct fixing kit included

PA-694 Series

Type	Part No.	Insert Option	Price Each
-50 - +50Pa	PA-694-50-B	<input type="checkbox"/>	£110.25
0 - 100Pa	PA-694-100	<input type="checkbox"/>	£110.25
0 - 300Pa	PA-694-300	<input type="checkbox"/>	£110.25
0 - 500Pa	PA-694-500	<input type="checkbox"/>	£110.25
0 - 1000Pa	PA-694-1000	<input type="checkbox"/>	£110.25
0 - 1600Pa	PA-694-1600	<input type="checkbox"/>	£110.25
0 - 2500Pa	PA-694-2500	<input type="checkbox"/>	£110.25

Accessory

Calibration Certificate *	PL-507-CAL	£27.50
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* This option must be specified at the time of sensor order. They are built to order and not available ex-stock.

Note: A Duct Fixing Kit (DFK) is supplied with the PA-694..., consisting of 2m of 6mm dia. plastic tubing, 2 x pitot tubes and 4 x fixing screws.



EP...

Liquid Differential Pressure Switches

Suitable to monitor static or positive pressure of water, air, oil, diesel, steam** etc & switch in the event of high or low pressure conditions. Two switches must be used if both high and low pressures are to be controlled.

Features

- * The minimum differential will gradually increase by approx 60% as the switch setting is increased.
- **The pressure line can be formed into a U shape/syphon for media temperatures up to 300°C.
- Tamper proof adjustment
- Volt free contacts

Specification

Pressure connections: 1/2" BSP Female
Max. media temp. 80°C

EP... Series

Range bar	Diff. bar	Max. Press. bar	Media Contact Materials	Rating	Part No.	Price Each
0.1 to 2	* 0.7 to 1.9	40	Cast Aluminium/Nitrile	IP65	EP-2	£39.00
0.2 to 4	* 0.15 to 3.7	40	Cast Aluminium/Nitrile	IP65	EP-4	£39.00
0.5 to 8	* 0.3 to 7.5	40	Cast Aluminium/Nitrile	IP65	EP-8	£39.00
1 to 16	* 0.6 to 15	48	Cast Aluminium/Nitrile	IP65	EP-16	£39.00
2 to 32	* 1.2 to 30	64	Cast Aluminium/Nitrile	IP65	EP-32	£41.00

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Contact your local sales office for other products in this range and for confirmation of price.

Prices correct at time of printing but may vary subject to changes in manufacturers list prices. E. & O. E. All prices are exclusive of V.A.T.





EP-...
EP-100

Liquid Differential Pressure Switches

These units can be used to monitor the flow of liquids across pumps, boilers, chillers, valves etc. They can also be used to monitor dirty filter conditions. Suitable for water, air, oil, diesel and up to 30% glycol etc. Type EP-099/100/101 are suitable for low pressure applications i.e. below 0.4 bar.

Specification

Pressure connections: 1/4" BSP Female
1/4" BSP Male (EP-113/ST)
Max. media temp. 80°C

EP... Series

Range bar	Diff. bar	Max. Press. bar	Media Contact Materials	Rating	Part No.	Price Each
0.2 to 4	0.1	23	Brass/Phosphor Bronze	IP40	EP-113	£52.00
0.2 to 4	0.1	23	Brass/Phosphor Bronze	IP40	EP-113/ST	£106.00
0.2 to 4	0.07 to 1	10	Brass/Phosphor Bronze	IP40	EP-114W	£90.00
0.2 to 4	0.2 to 4	16	Brass/Phosphor Bronze	IP40	EP-115W	£90.00
0.2 to 4	8 to 125	6	Brass/Phosphor Bronze	IP40	EP-099	£101.00
0.2 to 4	10 to 300	6	Brass/Phosphor Bronze	IP40	EP-100	£100.00
0.2 to 4	25 to 400	6	Brass/Phosphor Bronze	IP40	EP-101	£105.00



Liquid Differential Pressure Controls

Features

- Generous wiring space
- SPDT contacts are provided as standard on single pressure controls.
- Trip-free manual reset

P735 Series

Type	Transmitter Description	Part No.	Price Each
Single Pressure Control	-2 to 10 bar	P735AAA-9202	£34.70
Dual Pressure Control	3 to 30 bar	P736LCA-9300	£37.91



EWT-...

Liquid Pressure Transmitters

These units can be used to measure static or positive pressure changes of water, air, oil, refrigerants, steam or other non-combustible fluids and give a 0-10VDC / 4-20mA output signal linear across the pressure range. Suitable for heating, air conditioning and building management systems.

Specification

EWT.. Load : 0-10 vdc >10k Ω
Max consumption <5mA Accuracy <0.5%
EWT..DMA Load : ≤(Supply - 11v) + 0.02A = Ω
Max consumption <20mA Accuracy <0.5%
Max. Ambient Temp.: -20 to +80°C - Form the pressure line into a U shape/syphon for media temperatures up to 300°C.

EWT... Series

Range mbar	Max. Press. mbar	Output Signal	Pressure Connections	Rating	Part No.	Price Each
0 to 0.6	2	0-10VDC	1/4" BSP Male	IP65	EWT-006	£92.00
0 to 1.6	4	0-10VDC	1/4" BSP Male	IP65	EWT-01.6	£92.00
0 to 2.5	5	0-10VDC	1/4" BSP Male	IP65	EWT-02.5	£92.00
0 to 4	8	0-10VDC	1/4" BSP Male	IP65	EWT-4	£92.00
0 to 6	12	0-10VDC	1/4" BSP Male	IP65	EWT-6	£92.00
0 to 10	20	0-10VDC	1/4" BSP Male	IP65	EWT-10	£92.00
0 to 16	32	0-10VDC	1/4" BSP Male	IP65	EWT-16	£92.00



EWDT-...

Liquid Differential Pressure Transmitters

These units can be used to measure pressure or differential pressure of water, diesel oil, up to 30% glycol or other neutral fluids across pumps, boilers, chillers, valves etc. The 0-10VDC output signal is linear across the range. Suitable for heating, air conditioning and building management systems. For liquid levels 1m depth of water = 100mbar.

Specification

Max consumption: <35mA
Accuracy: <1.0%

EWDT... Series

Range	Max. Press. bar	Pressure Connections	Media Contact Materials	Rating	Part No.	Price Each
0 to 400 mbar	2	1/8" BSP Female	Ceramic Stainless Steel	IP65	EWDT-004	£155.00
0 to 500 mbar	3	1/8" BSP Female	Ceramic Stainless Steel	IP65	EWDT-005	£155.00
0 to 600 mbar	3	EWDT... 1/8" BSP Female	Ceramic Stainless Steel	IP65	EWDT-006	£155.00
0 to 1 mbar	6	1/8" BSP Female	Ceramic Stainless Steel	IP65	EWDT-1	£155.00
0 to 1.6 mbar	12	1/8" BSP Female	Ceramic Stainless Steel	IP65	EWDT-1.6	£155.00
0 to 2.5 bar	12	1/8" BSP Female	Ceramic Stainless Steel	IP65	EWDT-2.5	£155.00
0 to 4 bar	12	1/8" BSP Female	Ceramic Stainless Steel	IP65	EWDT-4	£155.00

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Static Pressure Sensors

This compact and rugged Pressure Sensor, available in current or voltage output versions, uses ceramic sensing technology for exceptional performance, speed and reliability.

Features

- High temperature stability
- Solid-state sensing technology
- Accurate linearity of output signals
- Electrically protected against polarity reversal
- Electrical terminals and gland to DIN 43650-A

PA-507 Series

Sensor Type	Description	Part No.	Price Each
4-20mA Output (2-wire loop powered)	0 to 1 bar	PL-507-1	£96.50
	0 to 1.6 bar	PL-507-1.6	£96.50
	0 to 2.5 bar	PL-507-2.5	£96.50
	0 to 25 bar	PL-507-25	£96.50
	0 to 40 bar	PL-507-40	£96.50
0-10VDC Output	0 to 1 bar	PL-507-1-V	£105.75
	0 to 1.6 bar	PL-507-1.6-V	£105.75
	0 to 2.5 bar	PL-507-2.5-V	£105.75
	0 to 25 bar	PL-507-25-V	£105.75
	0 to 40 bar	PL-507-40-V	£105.75
Accessory			
	Calibration Certificate *	PL-507-CAL	£27.50

* This option must be specified at the time of sensor order. They are built to order and not available ex-stock.

Static Pressure Sensors

The PL-511 range of Pressure Transmitters are suitable for use with a large range of liquids and gases. The sensor and transmitter are housed in a robust stainless steel casing with a 1.5 metre cable for quick, trouble-free installation, and sealed for IP67 protection. An FPM (Viton) seal is fitted as standard.

Features

- IP67 protection
- Complete with 1.5m cable, ready connected
- Suitable for water, steam (with a pigtail) and gases compatible with the FPM (Viton) seal
- Supply short circuit and polarity reversal protection

PL-511 Series

Type	Transmitter Description	Part No.	Price Each
4-20mA Output (2-wire loop powered)	0 to 4 bar	PL-511-4	£96.50
	0 to 6 bar	PL-511-6	£96.50
	0 to 10 bar	PL-511-10	£96.50
	0 to 16 bar	PL-511-16	£96.50
0-10VDC Output	0 to 1 bar	PL-511-4-V	£105.75
	0 to 6 bar	PL-511-6-V	£105.75
	0 to 10 bar	PL-511-10-V	£105.75
	0 to 16 bar	PL-511-16-V	£105.75
Accessory			
	Calibration Certificate *	PL-511-CAL	£27.50

* This option must be specified at the time of sensor order. They are built to order and not available ex-stock.



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