

AIR DIFFERENTIAL PRESSURE SWITCHES

EDA.. EFS..

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.

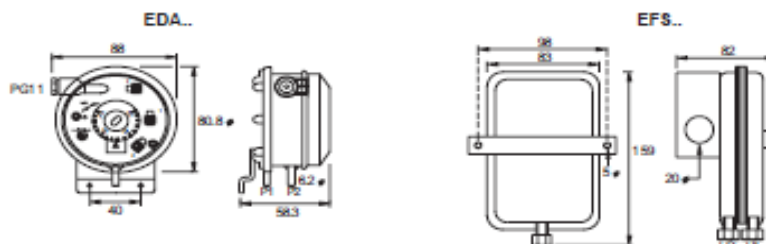


Adjustment under cover Volt free contacts
Enclosure EDA..
EFS.. : Steel zinc plated
EFS-02HT - High Temperature model Includes -
2 x Brass Duct Adaptors for 6mm OD metal tube.
Ensure that the pressure line is at least 1m long.
Conversion : 1 mbar = 100 Pa Max. ambient 70oC
Enclosure Flammability:
EDA.. = UL94-V0
W = UL94-V2
EFS.. = Metal

Type	Range mbar	Diff mbar approx	Max Press. mbar	230VAC SPDT	Media Temp °C	Diaphragm Material	Pressure Connections	Enclosure
EDA-22	0.2/3	0.1/0.4	50	1(0.5)A	-20/+85	Silicone	6mm push-on	IP54
EDA-33	0.5/5	0.2/0.7	50	1(0.5)A	-20/+85	Silicone	6mm push-on	IP54
EDA-44	1/10	0.3/1	50	1(0.5)A	-20/+85	Silicone	6mm push-on	IP54
EDA-55	5/20	0.5/2	50	1(0.5)A	-20/+85	Silicone	6mm push-on	IP54
EDA-22W	0.2/3	0.1/0.4	50	1(0.5)A	-20/+85	Silicone	6mm push-on	IP65
EDA-33W	0.5/5	0.2/0.7	50	1(0.5)A	-20/+85	Silicone	6mm push-on	IP65
EDA-44W	1/10	0.3/1	50	1(0.5)A	-20/+85	Silicone	6mm push-on	IP65
EDA-55W	5/20	0.5/2	50	1(0.5)A	-20/+85	Silicone	6mm push-on	IP65
EFS-02	0.13/30	0.05/2	35	10(2)A	80	Nitrile	6mm comp	IP30
EFS-02HT*	0.13/30	0.05/2	35	10(2)A	300	Nitrile	6mm comp	IP30

* Includes 2x EE-BFN and 2x 2m long 10mm copper tube

DIMENSIONS

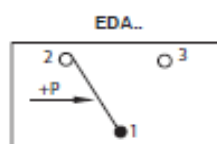


ACCESSORIES:

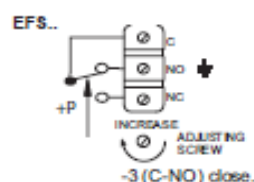
- EE-BFN Brass duct flange for 6mm OD metal tube
- EE-CT6 Copper tube 6mm OD x 10m for EFS..
- EE-D1 Duct kit 2m EE-PH + 2xEE-PT for EFS-02
- EE-D2 Duct kit 2m EE-PH + 2xEE-PT for EDA..
- EE-PH15 PVC hose 5x8mm. x 15 metres
- EE-PT 70mm Plastic duct adaptor for use with PVC hose
- EE-TE Plastic T connector for use with PVC hose
- EE-TA Plastic straight connector for use with PVC hose
- EE-TY Plastic Y connector for use with PVC hose



WIRING:



On pressure rise to scale setting (range) contacts 1
On pressure fall (diff.) contacts 1-2 (C-NC) close.



INSTALLATION:

Port + P1 HI = High Pressure .. connect to fan discharge or high pressure side of filter.
Port - P2 LO = Low Pressure .. connect to fan suction or low pressure side of filter.
The LP Port can be left open for fan/air flow monitoring. To monitor vacuum - connect the low pressure port to high vacuum side.
Mount vertically as shown. Units can be mounted in other positions but may need a slightly higher pressure to operate.