

MICRO Adjustable Differential Pressure Switch (Series MAD)

MAD Series Pressure Switches are housed in Pressure Die cast aluminum powder coated enclosure & are recommended for Panel / line mounting or outdoor service.



Features

- ⇒ Adjustable Differential dead band
- ⇒ Weather proof
- ⇒ High repeatability & Accuracy
- ⇒ Set point Locking
- ⇒ Choice of wetted parts to suit working media
- ⇒ Choice of Electrical Entry
- ⇒ Ambient temp : -30 to 70° C permissible range

Regular Switch Range upto 32 bar

Note : Equivalent or B4 Series of Indfos, GM Series of Switzer & Z series of Waaree

Technical Specification

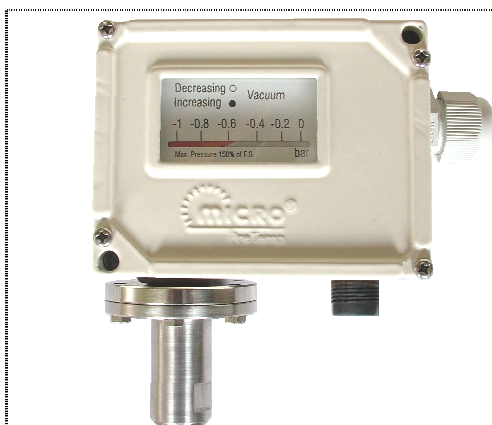
Enclosure	Aluminum Die Cast Weather Proof to IP-66
Sensing Element	Diaphragm Sealed (up to 32 bar)
Wetted parts	S S 304 / S S 316
Repeatability	± 1 % of Full Span
Scale Accuracy	± 5 % of Full Span
Micro Switch	1 SPDT Snap Action
Switch Rating	15 A, 250 V AC or 0.4 A, 110 V DC / Varies based on selection of Micro Switch
Range	Refer Standard Range Table
Set point	Between 20 to 80% for better performance
Over Protection	150 % of Full Span
Differential	Adjustable
Mounting	Bottom / Panel
Process connection	¼" NPT (F)
Set Point adjustment	External with Locking system
Cable entry	PG 13.5mm Standard / DIN Connector or Other optional
Maximum Process Temperature	150° C / 300° F
Conformity	BS 6134 Standard
High voltage strength	0.5 to 0.6 KV between open contact 2 KV between contact & Body.
Insulation resistance	> 10 M ohms at 500 V
Process Media	Air, water, Oil etc....

Micro Process Controls

(An ISO 9001-2008 Company)



MICRO, The Specialist for Pressure + Temperature



Vacuum (-1 to 0 BAR)



Regular Switch Range upto 32 bar

Standard Ranges & Dead band Chart for MAD Series Pressure Switch

Sr. No.	Ranges	Adjustable Dead Band in BAR	
		Minimum	Maximum
1	-1 to 0 bar (Vacuum)	0.1	0.5
2	0.1 to 1 bar	0.1	0.3
3	0.2 to 2 bar	0.11	0.8
4	0.2 to 4 bar	0.23	1.4
5	0.4 to 6 bar	0.25	1.6
6	0.5 to 10 bar	0.4	3.0
7	1 to 16 bar	1.0	6.0
8	2 to 25 bar	1.0	6.0
9	2 to 32 bar	1.5	6.5

Application

- ⇒ Textile, Boiler, Furnace
- ⇒ Railway, Steel, Fertilizers
- ⇒ Paper & Pilp Industry
- ⇒ Power generation & Distributions
- ⇒ Pharma, Food & beverages
- ⇒ Cement industry etc..

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