

► DWR

AIR/GAS pressure switch



Technical specifications

Use: vapor, hot water, combustible gas, liquid combustible

Control base:

- Pressure 100/1, ed.4.83
- DIN 3398, page 3, ed.11.82
- DIN 3398, page 4, ed.10.86

Registration number:

- TUV. DWFS (SDBFS) 95-218
- 95.01 b 187
- 3C02 895 + 94.01. b 187

Function: Pressure relief (with internal or external lock)

Action direction: for maximum and minimum pressure monitoring (DWFS, SDBFS)

Sensor: special built tested with 2 millions cycles

Contactors: single pole changeover switch

Power switch capacity: 8 A, 250 Vdc

Mounting position: vertical or horizontal

Pressure connection:

G1/2A external thread (pressure gauge connection) by DIN 16288 and G1/4 internal thread by ISO 228, part 1. (For gas applications, starting at 4 bar only use flat seal. A seal is only authorized in the thread up to 4 bar)

Switching device: Robust sea water resistant aluminum pressure cast housing with plug-in socket or terminal connection

Protection: IP54 by DIN IEC 529 (IP65 optional)

Product description

FEMA range pressure switches can be used for monitoring liquid or gaseous fuels, steam or hot water maximum and minimum pressures.

They withstand ambient temperatures ranging from - 25°C to + 70°C depending on the series. These high precision devices are set and adjusted at the factory.

- Stainless steel sensitive elements
- Fixed differential (adjustable in option)
- Oxygen treatment (optional)

DWR pressure switches have a DIN connection.

Codification

Code	Range	Differential	Max pressure
DWR 2	0,2 to 2,5 bar	0,1 bar	16 bar
DWR 6 *	0,5 to 6 bar	0,2 bar	16 bar
DWR 16	3 to 16 bar	0,5 bar	25 bar
DWR 25	4 to 25 bar	1,0 bar	63 bar
DWR 40	10 to 40 bar	1,3 bar	63 bar

*Standard product in stock