

## Differential Pressure Transmitter

**Model : PU (Delta\_P) (Make : Halstrup Walcher)**

**Technical Features :**

- ❖ High level of accuracy and long-term stability
- ❖ Little zero-point drift or hysteresis; largely independent of temperature
- ❖ Measurement of positive and negative differential pressures
- ❖ Supply voltage: 230 VAC
- ❖ Output signal 0 .. 10 V
- ❖ Measurement range: 0 ... 10 mbar & 0 ... 25 mbar
- ❖ Differential Pressure Transmitter PU (Delta\_P)



**Application :**

- ❖ Carding Machine
- ❖ Blow Room

## Differential Pressure Transmitter

**Model : 982R (Make : Beck GmbH)**

**Technical Features :**

- ❖ Power supply : 18 ... 30 VDC
- ❖ Pressure ranges: 0-1 KPA /0-2.5 KPA /0-5 KPA /0-10 KPA /0-1250 PA
- ❖ Output : 4 ... 20 mA, 2-wire or 0 to 10 V, 3 wire

**Application :**

- ❖ Carding, Blow Room
- ❖ Draw Frame & Ring Frame
- ❖ Comber, Lap Former
- ❖ Rotary Bale Plucker
- ❖ Rotary Air Filter
- ❖ Waste Collection System
- ❖ Humidification Plant



## Differential Pressure Transmitter with High Overload Pressure Protection

**Model : PU (Delta\_P) (Make : Halstrup Walcher)**

**Technical Features :**

- ❖ Special design to protect DPT with high overload pressure up to **4 bar**
- ❖ High level of accuracy and long-term stability
- ❖ Little zero-point drift or hysteresis; largely independent of temperature
- ❖ Measurement of positive and negative differential pressures
- ❖ Supply voltage : 24 VDC
- ❖ Output signal 0 .. 10 V
- ❖ Measurement range : 0 ... 10 mbar & 0 ... 25 mbar



**Application :**

- ❖ Carding Machine
- ❖ Blow Room

## Digital Differential Pressure Gauges With 2 Switching output

**Technical Features :**

- ❖ Pressure ranges : 0-1 KPA / 0-2.5 KPA / 0-5 KPA
- ❖ Pressure unit : mmWC, Pa, mbar
- ❖ Power Supply : screw terminals 24 VAC/VDC or 230 V AC
- ❖ Output : 4 ... 20 mA or 0 ... 10 V, 3-wire
- ❖ Switching output : 2 relays with 50VAC/5A (S1) & 250VAC/5A (S2) switching capability
- ❖ Display : Red 7-segment LED display, 4-figure
- ❖ Accuracy :  $\leq \pm 1\%$  of FS
- ❖ IP65 – SS/ MS enclosure with process connection :  
2 - Hose connection with 4 mm outer diameter



**Application :**

- ❖ Bag Filter Pressure Monitoring
- ❖ Rotary Air Filter System (Luwa Waste Collection & Humidification Plant)

## Differential Pressure Transmitter

**Model : 984 (Make : Beck GmbH)**

**Technical Features :**

- ❖ Pressure ranges : 0-1 KPA / 0-2.5 KPA / 0-5 KPA / 0-10 KPA
- ❖ Supply voltage : 18 .....30 VAC/ VDC
- ❖ Output : 4.....20mA or 0 ....10 V, 3 wire
- ❖ With switching output
- ❖ Linearity :  $\leq \pm 0.5\%$  FS, min.  $\pm 1$  Pa
- ❖ Protection class : IP 54
- ❖ Working and storage temperature : -20 .....+70 °C
- ❖ Hose connection with 6mm outer diameter
- ❖ Display : Optional



**Application :**

- ❖ Carding, Blow Room
- ❖ Draw Frame & Ring Frame
- ❖ Comber, Lap Former
- ❖ Rotary Bale Plucker
- ❖ Rotary Air Filter
- ❖ Waste Collection System
- ❖ Humidification Plant

## Differential Pressure Transmitter

**Model : DPT-R8 (Make : HK Instrument )**

**Technical Features :**

- ❖ Range : 1000, 1500, 2000, 2500 , 3000, 4000, 5000, 7000 Pa Pa (field selectable via jumper)
- ❖ Measuring units : Pa, kPa, mbar, inchWC, mmWC, psi (selectable via jumper)
- ❖ Power supply : 24 VAC or VDC,  $\pm 10\%$
- ❖ Output : 4 to 20 mA or 0 to 10 V, 3-wire
- ❖ Accuracy (from applied pressure): 1%
- ❖ Protection standard : IP54
- ❖ Display :

**Application :**

- ❖ Carding & Blow Room
- ❖ Draw Frame & Ring Frame
- ❖ Comber & Lapformer
- ❖ Rotary Bale Plucker & Rotary Air Filter
- ❖ Waste Collection System & Humidification Plant



## Differential Pressure Switch

**Model : 930.8x (Make : Beck GmbH)**

### Technical Specification :

- ❖ Pressure range : 20 – 300, 50-500, 100-1000, 200-1000, 500-2500 PA
- ❖ Switch type : SPDT (1 NO + 1 NC)
- ❖ Protection standard : IP54
- ❖ Temperature range : -20°C to +85°C
- ❖ Hose connection with 6 mm (OD)

### Application :

- ❖ Carding, Blow Room
- ❖ Draw Frame & Ring Frame
- ❖ Comber & Lap Former
- ❖ Rotary Bale Plucker
- ❖ Rotary Air Filter
- ❖ Waste Collection System
- ❖ Humidification Plant



## Magnehelic Differential Pressure Gauges

### Technical Features

- ❖ Pressure range : 750 PA, 1.5 KPA, 5 KPA
- ❖ Measuring units : Pa
- ❖ Burst pressure : 20 kPa
- ❖ Membrane : Silicone

### Application

- ❖ Fan, Blower And Filter Monitoring
- ❖ Pressure And Flow Monitoring
- ❖ Pressure Monitoring In Cleanrooms



## Adjustable Pressure Switch

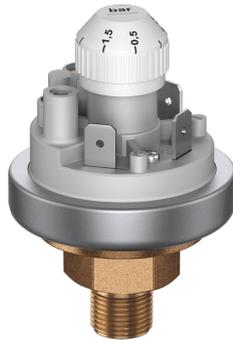
**Model : 901P (Make : Beck GmbH)**

### Technical Features :

- ❖ The pressure switch uses a scaled adjustment knob to enable the adjustment of trip and reset pressure without the use of a screwdriver
- ❖ Pressure range : 1 ... 6 bar
- ❖ Max. operating pressure : 25 bar
- ❖ Diaphragm Material : NBR
- ❖ Process Connection : 1/4-inch thread
- ❖ PC Material : Brass
- ❖ Life cycle mechanically more than 106 cycles
- ❖ SPDT Contact (COM, 1NO+1NC)
- ❖ Accessories : IP65 protection class cover – cap

### Application:

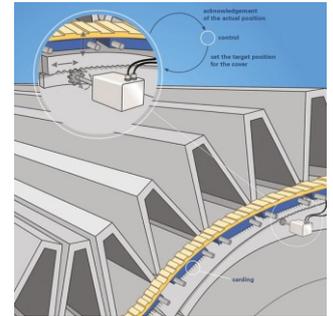
- ❖ Utility
- ❖ Boiler
- ❖ Wastewater
- ❖ Liquid Level Measurement
- ❖ Pump Control
- ❖ Hydraulic Pressure Measurement
- ❖ Gas Pressure Measurement



## Gear Motor (Wing Motor)

**Make : Halstrup-Walcher**

Power Supply : 230VAC



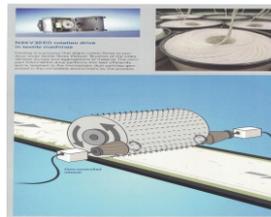
## Gear Motor (Brush Motor)

**Make : Halstrup Walcher**

Type ---- N64 V30 KG Rotation Drive

Application : Spinning machine.

Power Supply : 230 VAC & 24 VAC.



## Portable Digital Manometer + Air Velocity Meter

**Model : EMA 200 (Make : )**

### Technical Features

- ❖ Range : ± 2 kPa (± 200 mmWC)
- ❖ Velocity range : 5 ... 58 m/s
- ❖ Display : 3 1/2" Digit, LCD
- ❖ Accuracy : ± 0.5% of max. value
- ❖ Operating temperature : 0 ... 50°C
- ❖ Power Supply : 9 V Battery
- ❖ With calibration certificate

### Application

- ❖ Pressure measurement in air duct line
- ❖ Draft pressure measurement
- ❖ Air velocity measurement in HVAC & process



## Gear Motor (Blendomat Motor)

**Make: Halstrup Walcher**

Type : ST125

Application : machines Blow room( Blendomat)

