

**Specifications:-**

- 1. Electro-pneumatic converter :
  - Housing design: DIN rail housing for 35 mm top hat rail to DIN EN 60715
  - Input signal: 4 ... 20 mA
  - Output signal: 0.2 ... 1 bar
  - Direction of action: increasing / increasing
  - Pneumatic connection type: hose connector for hose inner diameter 4 mm / outer diameter 6 mm
  - Type of electrical connection: clamps for 0.5 to 2.5 mm<sup>2</sup> cables
  - Degree of protection: IP 20
  - Minimum ambient temperature: -20 ° C
  - Potentiometer: for zero point and range correction. PID
  - Seat bore: 12 mm
- 2. Actuator features :
  - Working stroke: 15 mm
  - Safety position: closed
  - Drive surface: 175 cm<sup>2</sup>.
  - Diaphragm material: NBR
  - Drive housing material: 1.0976 / 1.0982
  - Pneumatic connection drive: G1 / 4
  - Control medium: air;
  - Material clamps: 1.4301
  - Actuator nominal signal range: 0.5    2.5 bar
  - Inverter operating range: 1.0    3.0 bar
  - Drive rod material: 1.4404
  - Drive type: pneumatic
  - Actuator version: Type V2
  - Drive stroke: 15 mm
  - Ambient temperature range: -35    90 ° C

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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- 3. Positioner features :
  - Pneumatic connection type: 1/4 NPT
  - Control variable: 0.2 – 1 bar
  - Housing material: aluminum
  - Ambient temperature range: -40 – 80 ° C;
  - Degree of protection: IP 54
  - Output Kvs: 0.15
  - Input Kvs: 0.09
  - Pressure transmitter, electronic :
    - Sensor measuring range limits: 1000 kPa / 10 bar / 145 psi
    - Membrane material / filling fluid: Hastelloy C-276 / silicone oil, NACE
    - Process connection material: stainless steel AISI 316L (1.4404)
    - Process connection: DIN EN 837-1 G 1/2 B, NACE
    - Electronic housing material: stainless steel AISI 316L (1.4404)
    - Output: digital HART communication and 4 – 20 mA
    - Integrated digital display (LCD): with integrated LCD display
    - Measuring range: 0 – 6 bar
    - Display range: 0 – 6 bar
  - Differential pressure transmitter, electronic :
    - Sensor measuring range limits: 1.6 and 160 kPa (16 and 1600 mbar)
    - Base accuracy: 0.06%.
    - Membrane material / filling fluid: Hastelloy C-276 / silicone oil (NACE)
  - Flange and process adapter material: stainless steel AISI 316L / 1 / 4-18
  - Connections (low pressure side): NPT-f direct (horizontal) (NACE)
  - Working stroke: 15 mm;
  - Safety position: closed;
  - Pipe area: 175 cm<sup>2</sup>;
  - Player connection: SAMSON;
  - Diaphragm material: NBR;
  - Drive housing material: 1.0976 / 1.0982;
  - Pneumatic drive: G1 / 4;
  - Control medium: air;
  - Pliers for material: 1.4301; drive
  - Nominal signal range: 0.5 – 2.5 bar;
  - Control operating range: 1.0 – 3.0 bar;
  - Drive rod material: 1.4404;
  - Drive stroke: 15 mm;
  - Ambient temperature range: -35 – 90 ° C
  - 24VDC motorized valve with variable resistance transmitter :
    - 1. Valve body :
      - Ball valve
      - DN32 / d40, PN10, DIN3441
    - 2. Valve actuator :
      - Electric actuator, 50Nm, 24VDC with manual override (6 mm hexagon socket)
      - optical position indicator + LED and 2 pieces plus limit switches
      - closed aluminium housing (dam.)
      - potentiometer 1kOhm Transmitter for Pt100, electronic :
      - HART communication protocol, adjustable, output 4 – 20 mA output
      - Number of sensors: one sensor (standard)
      - Sensor type: RTD (standard)

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- Sensor: RTD Pt100 (standard)
- Sensor circuit: 3-wire (standard)
- Standard: DIN IEC 60751 (standard)
- Unit of measurement: ° Celsius (standard)
- Measuring range: 0....100 ° C
- Type K thermocouple transmitter :
- HART communication protocol, adjustable, output 4 ... 20 mA output
- Number of sensors: one sensor (standard)
- Sensor type: thermocouple
- 

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