

## Pressure and temperature switches

### Pressure switches (electromechanical)

Measurement of negative and compound pressure: -1 ... 0 bar (-30"Hg ... 0 psi) to -1 ... 3.5 bar (-30"Hg ... 50 psi)

Measurement of relative pressure: 0 ... 600 bar (0 ... 9000 psi)

Differential pressure: 2 ... 2000 mbar (0.03 ... 30 psi) to 0.05 ... 120 bar (0.725 ... 1750 psi)

Very high resistance to overpressure

Repeatability:  $\pm 2\%$  of measuring range

### Pressure switches (electronic)

Measurement of relative pressure: -1 ... 0 bar to 0 ... 600 bar (-30"Hg ... 9000 psi)

Measurement of absolute pressure: 0 ... 60 bar (0 ... 900 psi)

Excellent accuracy:  $\pm 0,5\%$  of measuring range

Excellent repeatability:  $\pm 0,2\%$  of measuring range



### Product range

#### Pressure

- **RPP series**  
Low and medium range standard pressure switches
- **RD series**  
Low and medium range differential pressure switches
- **RP2 series**  
Industrial pressure switches.  
Standard, EEx ia and EEx d versions.
- **CPX**  
Cost-effective, programmable pressure switch with compact design for OEM applications.  
Absolute or relative pressure
- **TED / YTED**  
Digital pressure switch, stainless steel design.  
2 programmable thresholds.  
Signal output 4-20 mA or RS485.  
For gases and liquids.  
Standard and EEx ia versions.

### Temperature switches

Measurement range: -46°C ... 350°C (-51°F ... 662°F)

Very high resistance to accidental high temperatures

Transmission capillary: up to 20 meters long

Repeatability:  $\pm 1$  or  $2\%$  of measuring range



#### Temperature

- **RT series**  
Industrial temperature switches for harsh environments.
- **RT2 series**  
Economical temperature switches.  
Standard, EEx ia and EEx d versions.