



Mini General Diaphragm Cooling Indicator

SPT100 Series - General Industrial Pressure Transmitter

- Diffusion Silicone core technology
- LCD/LED digital display *Optional
- Accuracy Class 0.25% or 0.5% of Full Scale
- High performance, precision & stability
- Stainless steel 316 wetted part
- Convenient debugging zero range setting
- Pressure range -1..0, -1..+24 to 0..1000 bar
- Designed over pressure resist 150%
- Long term stability typical $\pm 0.2\%$ F.S./Year
- Operating temperature $-40^{\circ}+150^{\circ}\text{C}$
- Power supply 12~30 VDC
- Output signal 4-20 mA, 0-5 VDC or 0-10 VDC



SPT250 - Digital Pressure Transmitter



- Diffusion Silicone core technology
- LCD Large digital display
- Multi measurement unit ranges (LED)
- Accuracy Class 0.25% or 0.5% of Full Scale
- High performance, precision & stability
- Stainless steel 316 wetted part
- Convenient debugging zero range setting
- Pressure range -1..0, -1..+24 to 0..1000 bar
- Designed over pressure resist 150%
- Long term stability typical $\pm 0.2\%$ F.S./Year
- Operating temperature $-40^{\circ}+150^{\circ}\text{C}$
- Power supply 12~30 VDC
- Output signal 4-20 mA or RS485 protocol
- Option Differential pressure/Sanitary mount

SPT301/302 - Digital Pressure Transmitter

- LCD (301) / LED (302) Large digital display
- Diffusion Silicone core technology
- Explosive Atmosphere protection
- Multi measurement unit ranges (LED)
- Accuracy Class 0.2..0.4% of Full Scale
- High performance, precision & stability
- Stainless steel 316 wetted part
- Convenient debugging zero range setting
- Pressure range -1..0, -1..+24 to 0..1000 bar
- Designed over pressure resist 150%
- Operating temperature $-40^{\circ}+150^{\circ}\text{C}$
- Long term stability typical $\pm 0.2\%$ F.S./Year
- Power supply/Output signal : 12~30 VDC/4-20 mA
- Available with Differential pressure or Sanitary mount



Mounting selection



Threaded Clamping Cooling tube Cooling clamping **SPT300 Series**



Differential pressure mount

Switches

Digital Pressure Switch



IP65
 Accuracy
 Class 0.5
 LCD Display

DPS300 - Digital Pressure Switches

- Accuracy Class 0.5 of F.S.
- Dial 80 mm
- 2 x Different relays output (NO/NC)
- Setable range 5%..95% of F.S.
- Pressure range -1..0, -1..+24 to 0..1000 bar
- Designed over pressure resist 150%
- Output 4..20 mA or *RS485
- Selectable triple unit ranges
- ON/OFF and Zero reset button
- Stainless steel 316 wetted part
- Power Supply 24 VDC, 220 VAC or 380 VAC
- Alarm Load Capacity 3A - 380/220 VAC or 24 VDC
- Direct or Panel mounting design
- Anti-electromagnetic interference
- Integrated password function



IP65
 Accuracy
 Class 0.5
 LCD Display

DPPS300 - Digital Differential Pressure Switches

- Accuracy Class 0.5 of F.S.
- Dial 80 mm
- 2 x Different relays output (NO/NC)
- Setable range 5%..95% of F.S.
- Pressure range 0.. 0.35 to 0..25 bar
- Designed over pressure resist 150%
- Output 4..20 mA or *RS485
- Selectable triple unit ranges
- ON/OFF and Zero reset button
- Stainless steel 316 wetted part
- Power Supply 24 VDC, 220 VAC or 380 VAC
- Alarm Load Capacity 3A - 380/220 VAC or 24 VDC
- Direct or Panel mounting design
- Anti-electromagnetic interference
- Integrated password function

Temperature

Digital Thermometer and Transmitter

Accuracy
 Class 0.25-0.5
 LCD Display
 IP65

TD100 - Digital Thermometer

- Exchangeable 5 Unit range °C, °F, °K, °Ra, °Re
- LCD backlight for dark environment reading
- Large high resolution 5 digit LCD Display
- Stainless steel case, Ø 100mm dial
- Accuracy Class 0.25 and 0.5 of F.S.
- Internal measuring record function
- Internal Auto-Off setable function
- Effective sampling rate 1 time/s
- Digital battery power indicator
- Micro-power Long life 3.6VDC battery operated
- Measuring temperature range -50° to +500°C
- Operating temperature range -20° to +70°C
- Maximum working pressure 100 bar
- Sensor length up to 1 meter long
- Connection ½"NPT or BSP, fixed or sliding connection
- Design stability ≤0.1% / year
- SS 316 wetted part, other material available*
- Optional Thermowell, please refer to Thermowell section



Accuracy
 Class 0.25-0.5
 LCD - LED
 IP65

TPT100 - Digital Temperature Transmitter

- Display TPT101 (LED) and TPT102 (LCD)
- Aluminium alloy case, Ø 65 mm casing dial
- Accuracy Class 0.5 of F.S.
- Output 4..20 mA or *RS485
- Power Supply 12-30 VDC
- Relative humidity 0-90%
- Fast response and design for heavy duty process
- Measuring temperature range -50° to +1000°C
- Operating temperature range -30° to +80°C
- Maximum working pressure 100 bar
- Sensor length up to 1 meter long
- Connection ½"NPT or BSP, fixed or sliding connection
- Design stability ≤0.1% / year
- SS 316 wetted part, other material available*
- Internal cold junction compensation circuit
- Nonlinearity correcting onboard circuit

