

Datasheet of SCPSD-100-14-17 SensoControl Pressure Controller SCPSD



Description

Pressure controller, pressure measurement range 0 - 100 bar, male thread 1/4", 1 switching output; with analogue output, connecting plug M12x1; 4-pole

The PressureController combines the functions of a pressure switch, a pressure sensor and a display device:

- Pressure indicator (manometer)
- Switching outputs
- Analog signal

Simple operation, compact design and high reliability are the most important features of the PressureController. The PressureController offers excellent technical data, optimal pressure management, combined with a wide range of mounting options. It is therefore ideally suited for permanent series use in industrial applications.

Device characteristics:

- Compact
- Robust
- Reliable
- Ease of use
- Long-term stability
- Excellent noise immunity
- Metal case
- High protection class
- Many variants
- Rotatable
- Analog output
- Password
- MPa, bar, PSI



Details

Protection:	IP 67
Material body:	die-cast zinc Z 410; painted
Precision:	±0,5 % FS typ.; ±1 % FS max.
Sampling rate:	≥ 5 ms
Repeatability:	±0,25 % FS
Weight in kg:	0,465
Connection:	Male thread 1/4"
Number of outputs:	1 switching output; with analogue output
Load change:	≥ 100 Mio.
Power supply:	15...30 VDC nominal 24 VDC; Protection class 3
Display:	4-digit 7-segment LED; red; Digit height 9 mm
Pressure measurement range:	0 - 100 bar
Working temperature:	-20°C to +85°C
Electrical connection:	Circular connector M12x1; 4 pin

Dimensions