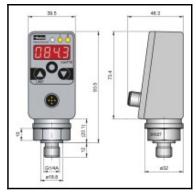


Datasheet of SCPSD-016-14-17 SensoControl Pressure Controller SCPSDR | E







Description

Pressure controller, pressure measurement range -1 - 16 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: | 0,489 |
| Connection: | Male thread 1/4" |
| Number of outputs: | 1 switching output; with analogue output |
| Load change: | ≥ 100 Mio. |
| Power supply: | 1530 VDC nominal 24 VDC; Protection class 3 |
| Display: | 4-digit 7-segment LED; red; Digit height 9 mm |
| Pressure measurement range: | -1 - 16 bar |
| Working temperature: | -20°C to +85°C |
| Electrical connection: | Circular connector M12x1; 4 pin |

Dimensions