

SCPSDI-010-44-25 SensoControl PressureSwitch SCPSDI

PressureSwitch, pressure measurement range -1 - 10 bar, female thread 1/4", 2 switching outputs; with analogue output for voltage, connecting plug M12x1; 5-pole



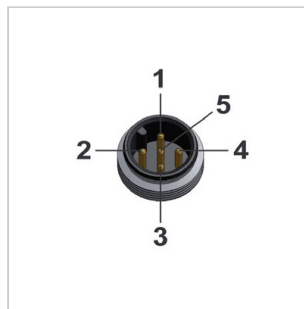
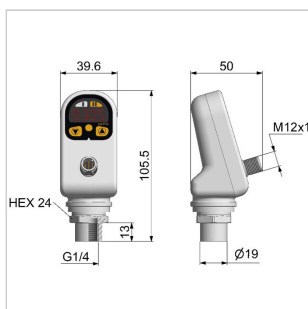
Product description

The **SCPSDi** is a compact electronic pressure switch featuring a rotatable display and pressure port. It offers up to two switching outputs, an analogue output, and IO-Link for versatile industrial pressure monitoring.

Features, Advantages, and Benefits

- Rotatable 1/4" thread pressure port and display for flexible installation in confined spaces.
- Two configurable switching outputs and an analogue output.
- Switchable between current or voltage output, and IO-Link interface.
- Internal- thread version uses stainless steel components without seals – ideal for aggressive media.
- Robust metal housing resists moisture, shock, and vibrations.
- Innovative design allows housing rotation over 240° after installation for optimal positioning.
- Beveled display is readable from a distance and can rotate 180° for overhead mounting.
- Maintenance-free and long-term stable.
- User-friendly VDMA-standard menu navigation simplifies setup and parameter adjustment.
- Reliable, precise pressure monitoring in harsh industrial environments.
- Versatile outputs and IO-Link communication enable seamless integration into automation systems.
- Compact size and flexible mounting reduce installation effort and space requirements.

More images



Product properties

Connection	Female thread 1/4"
Pressure measurement range	-1 - 10 bar
Weight in kg	0,25
Protection	IP 67
Power supply	18...30 VDC
Sampling rate	? 3 ms
Number of outputs	2 switching outputs; with analog output
Ausgangsspannung in V	10
Display	4-digit 7-segment LED; 2-color status indicator for switching state (red/yellow); digit height 8 mm
Pressure cycles	?10 Mio.
Electrical connection	Circular connector M12x1; 5 pin
Precision	±0,5 % FS
Communication interface	I/O Link
Switching current	max. 200 mA
Working temperature	-25°C to +100°C
Material connection	Stainless steel 1.4542
Material body	Die-cast zinc

Dimensions