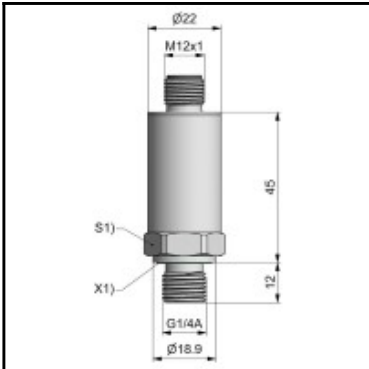


Datasheet of SCPSi-025-04-07 SensoControl Pressure Sensor and Switch SCPSi



Description

Pressure sensor and switch, pressure measurement range -1 - 25 bar, male thread 1/4", stainless steel, connecting plug M12x1; 4-pole

The fully electronic SCPSi pressure switch is adjustable and free of vulnerable mechanical and moving components.

With its digital interface and smart functions, the SCPSi is designed to be future-proof for the increasing demands of automation solutions.

The 2 switching outputs are parameterized individually and safely from the machine control via the standardized digital IO-Link interface (IEC 61131-9). This replaces manual programming and the commissioning phase is significantly reduced. A device replacement is possible during operation without re-parameterization. In order to react promptly to machine status changes or process adjustments, the reparameterization takes place during operation.

Device characteristics:

- Pressure switch / sensor
- Temperature measurement
- Industry 4.0 ready
- IO-Link 1.1
- Smart Sensor Profile 2nd edition
- Plug & Play
- Compact
- Optimized design
- Adjustable via IO-Link
- Readable via IO-Link
- Can be used as an IO-Link sensor or switch
- Monolithic pressure cell

Details

Protection:	IP 67
Precision:	≤ 0,5 %FS
Weight in kg:	0,12
Connection:	Male thread 1/4"
RoHS compliant:	Yes
Load change:	≥ 100 Mio.
Power supply:	18...30 VDC
Material:	Stainless steel
Pressure measurement range:	-1 - 25 bar
Working temperature:	-25°C to +85°C
Electrical connection:	Circular connector M12x1; 4 pin

Dimensions