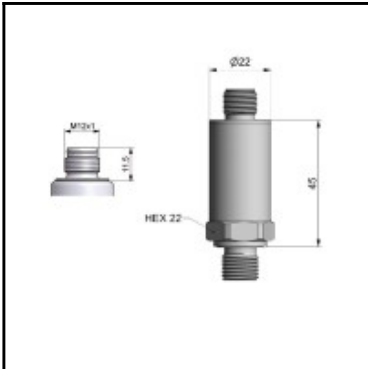


Datasheet of SCP03-010-34-07 SensoControl Pressure Sensor



Description

Pressure sensor, pressure measurement range 0 - 10 bar, male thread 1/4", stainless steel, connecting plug M12x1; 4-pole

The SCP03 is a pressure sensor for liquid and gaseous media.

The digitally adjusted piezoresistive measuring cell records negative pressures from -1 bar up to high pressures of 1000 bar.

The pressure connection that comes into contact with the medium has a monolithic structure. This eliminates internal seals and welds. A mix of materials is avoided.

The resulting low permeability in combination with the stainless steel result in a wide range of media resistance.

Device characteristics:

- Monolithic design
- No internal seal
- No mix of materials
- No weld
- High media compatibility
- Measuring range from -1 to 1000 bar
- Resistant to vacuum
- Lots of connections

Details

Precision:	± 0.3 % FS
Weight in kg:	0,08
Connection:	Male thread 1/4"
RoHS compliant:	Yes
Load change:	≥ 100 Mio.
Material:	Stainless steel
Pressure measurement range:	0 - 10 bar
Working temperature:	-40°C to +105°C
Electrical connection:	Circular connector M12x1; 4 pin

Dimensions