

PRESSURE TRANSMITTER Model SiFSS-34.0

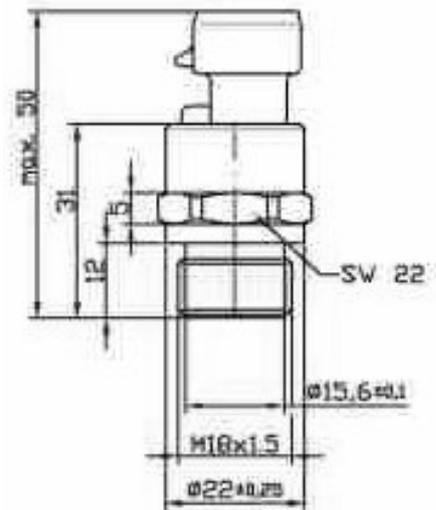
Features:

- Range: 100 mbar to 35 bar (0.01 Mpa... 3.5 Mpa)
- Accuracy : $\pm 1.0\%$
- Output : 0.5 ... 4.5 (ratiometric)
- Supply Voltage : 5 V DC
- Temperature Range: - 40°C to 85°C
(optional + 125°C)
- Protection : IP 65 DIN EN 60 529
- Piezoresistive Silicon Sensor (Poly -Si-SiO₂ layer)
- Process End Connection M18 x 1.5
- Weight : 25 gm



The pressure transmitter contains a minimum of components the sensor element, one signal conditioning ASIC the extended temperature range for industrial and automotive applications. The electronic sensor calibration is performed by use of an in house designed test and calibration systems which utilizes state of the art, electronic trimming technology and A/D converter controlled amplifiers based on switched capacitor technology.

The stainless steel pressure port resists unfriendly media such as oil, diesel, fuel, waste water and other unfriendly liquids. Quality is strictly controlled according to ISO 9001 quality guidelines.



General Data PT (ADS)

Sensor

Pressure Type : Gage, Sealed Reference

Measuring Principle : Piezoresistive

Environmental Data

Operating : -40 to 80°C

Pressure Data

Pressure Range: - 100 mbar to 35 bar

Over Pressure : 1.5 X

Burst Pressure : 2 X

Wetted components: 17. 4 PH, no O rings, no silicone oil

APPLICATIONS

- ◆ Hydraulic Controls
- ◆ Pumps & Compressors
- ◆ Pneumatic Controls
- ◆ Process Controls
- ◆ Water Management
- ◆ HVAC

Haris Sensor Technologies Private Limited

Row House No.11, Narayani Co-operative Housing Society Limited, Sector 2, Airoli,
Navi Mumbai - 400 708 ☎ TeleFax: 022-2779 6901 To 6906 ✉ E-mail: harisent@vsnl.net

HARIS