

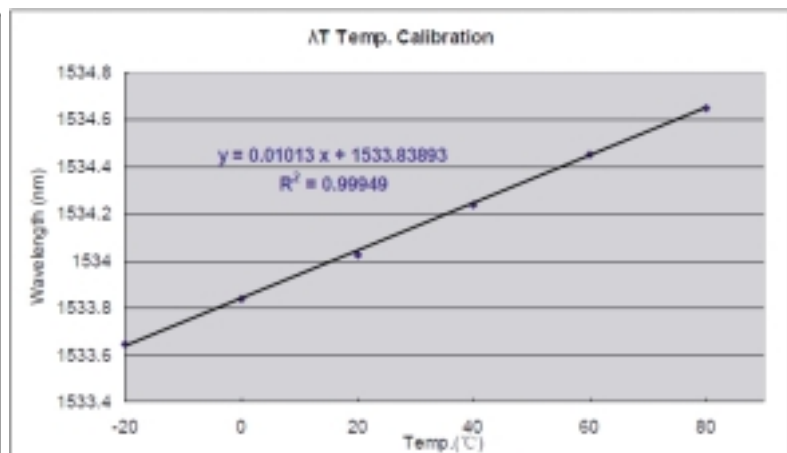
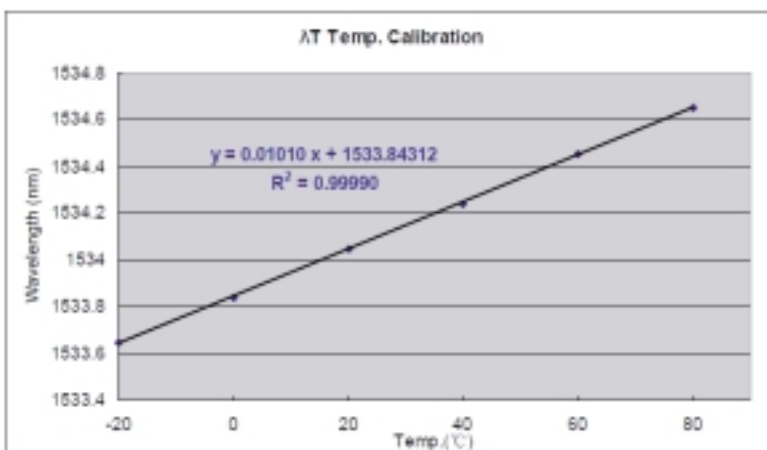
FBG Pressure Sensor (P/N: ALPT01)

Alxenses's Pressure Sensor PT-01 is designed to measure fluid pressure or levels. There are double FBG inside the stainless steel housing. One FBG is used to measure the pressure. Simultaneously, as temperature compensation, another FBG is used to monitor the temperature. The sensor can be equipped with a special kit of thread which can connect with different interfaces.

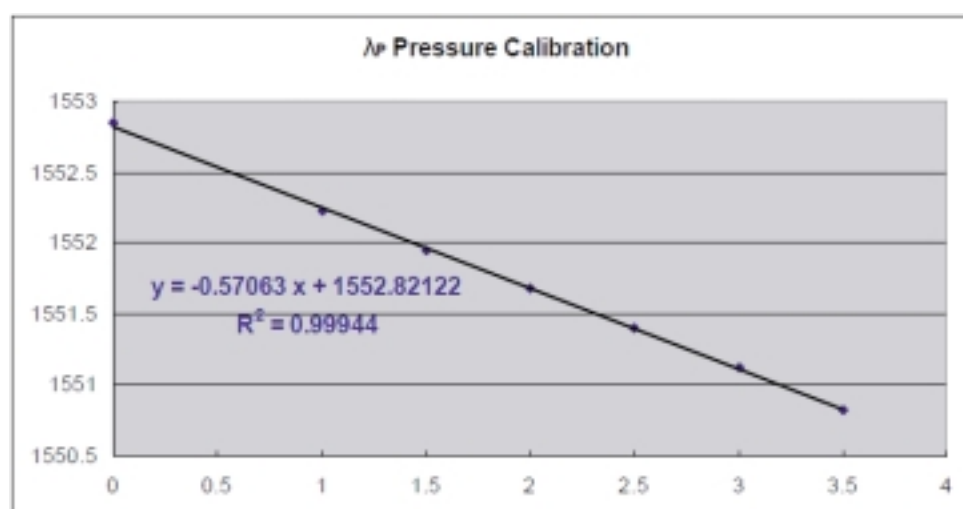
Features

- Long-term reliability
- High accuracy and resolution
- Wide measuring range
- Rugged stainless steel construction
- Measurements of pressure and temperature Simultaneously

Thermal Characteristics

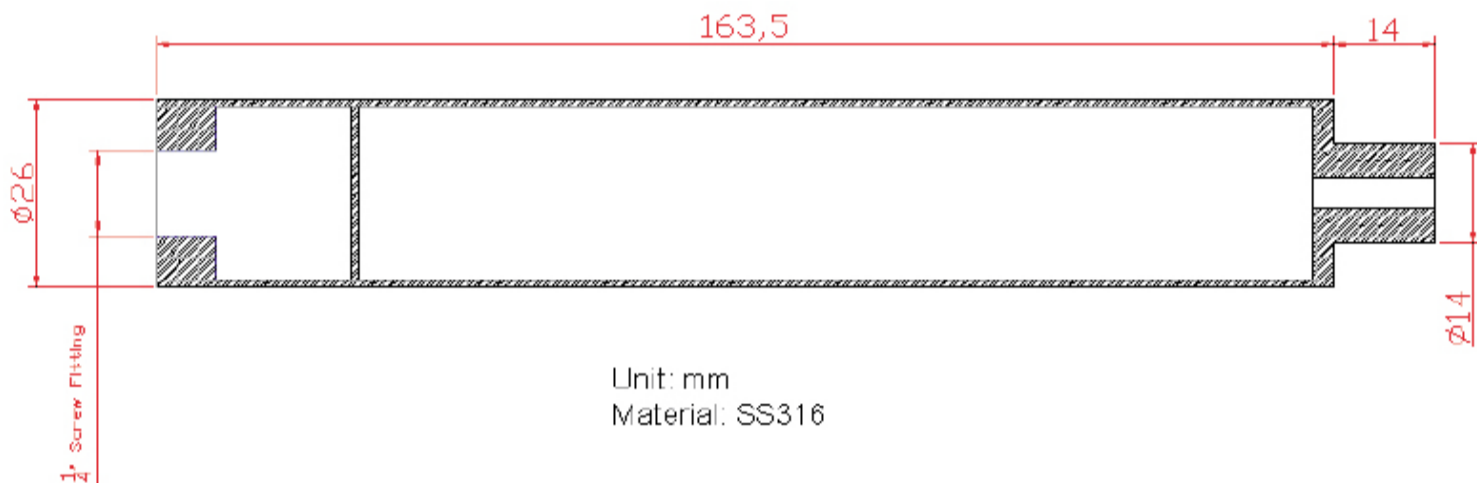


Pressure Characteristics



FBG Pressure Sensor (P/N: ALPT01)

Dimension



SPECIFICATIONS

Pressure Sensor ALPT01

Parameters	Values	Units
Center Wavelength	1510~1590	nm
Pressure Measurement Range	0~6	MPa
Pressure Accuracy	1%	--
Temperature Resolution	0.1	°C
Temperature Accuracy	1	°C
Temperature Range	-10 ~ +150	°C
Housing Material	SS316	mm
Connector	FC/APC	--