

Cascaded Pressure Sensor CPT-01

Description

So far in all the market, nearly all of the FBG based pressure sensor only can be used in shunt connection. This will cause a big problem for distributed pressure measurement and temperature measurement as well.

Idealphotonics announces the high quality pressure sensor which can be cascaded for industrial applications in distributed pressure and temperature system.



Feature

Excellent reliability and stability

customized pressure range

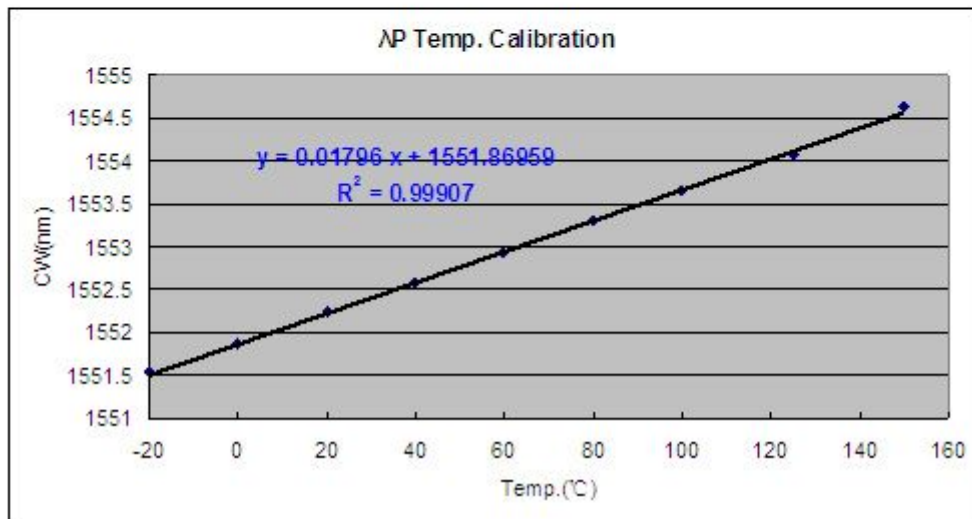
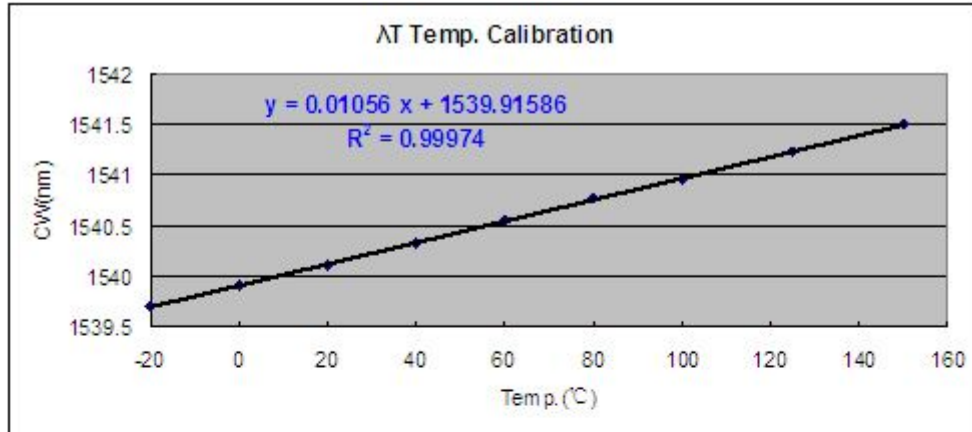
Robust

Maximum temperature up to 250°C

Specification

Parameters	Unit	Value	Remark
Wavelength	nm	1510-1590	
Pressure range	MPa	50	Customized
Accuracy		0.5%	
Temperature resolution	°C	0.1	
Temperature accuracy	°C	1	
Operating temperature range	°C	-40-250	
Dimension	mm	Dia. 26 *225	Customized
Material	--	SS316L Or Alloy	
Connector	--	FC/APC	Customized

Temperature Characteristic



Pressure Characteristic

