

## *FBG Temperature Sensor*

---

Alxenses's ALTS08 FBG temperature sensor measures temperature by utilizing the inherent feature of thermal sensitivity of FBG which is packaged into a small probe for applications where space is restricted. ALTS08 sensor can be customized to measure multi-point temperature in a short distance. These sensors featured waterproof capability and fast response.

### Features

- High temperature accuracy
- High stability and reliability
- Probe structure, smaller size
- Multi-point measurement in one sensor
- Immune to electromagnetic interference
- Easy to set up a sensing network

## SPECIFICATIONS

### FBG Temperature Sensor ALTS08

Parameters	Values	Units
Wavelength Range	1525~1565	nm
Temperature Resolution	0.1	°C
Temperature Accuracy	1	°C
Temperature Range	-40~150	°C
Cable Type	armored cable	mm
Cable Length	customized	mm
Connector Type	FC/APC or customized	--
Dimension	Φ1.5x(50~350)	mm

## FBG Temperature Sensor Enquiry Form

Parameters	Units	Standard Specifications	Customized Specifications
Wavelength Range	nm	1525~1565	
Temperature Resolution	°C	0.1	
Temperature Accuracy	°C	1	
Temperature Range	°C	-40~150	
Cable Type	mm	armored cable	
Cable Length	mm	customized	
Connector Type	--	FC/APC or customized	
Dimension	mm	Φ1.5x(50~350)	