

## *FBG Temperature Sensor*

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Alxenses's ALTS04 sensors measure temperature by utilizing the inherent feature of heat-sensitivity of FBG. The packaging is specially designed to make temperature measurement free from the influence of pressure, strain etc.

### Features

- High temperature sensitivity
- High stability and reliability
- Stable performance in extreme environment
- Resistant to electromagnetic interference
- Ease of multiplexing for multi-point measurement

## SPECIFICATIONS

### FBG Temperature Sensor ALTS04

Parameters	Values	Units
Wavelength Range	1525~1565	nm
Temperature Resolution	0.1	°C
Temperature Accuracy	1	°C
Temperature Range	-20~80	°C
Cable Type	Φ3 or armored cable	mm
Cable Length	customized	mm
Connector Type	FC/APC or customized	--
Dimension	100 x Φ8	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	-20~80	
Cable Type	mm	Φ3 or armored cable	
Cable Length	mm	customized	
Connector Type	--	FC/APC or customized	
Dimension	mm	100 x Φ8	