

0703 FBG Sensor

W9000-S



FBG Temperature Sensor

The fiber bragg grating (FBG) temperature sensor is designed to accurately monitor temperature based on the high sensitivity of the fiber grating to the temperature. Fiber bragg grating temperature sensors can be used for along time to detect bridges, dams, tunnels, oil tanks, power plants and so on.

FEATURES

- Rapid Response
- Free from Lightning and Magnetic-field Interference
- High Sensitivity
- High Stability and Reliability

USE IN

- Detection of Tank Temperature
- Temperature Monitoring in Hazardous Areas
- Fire Alarm
- Temperature Measurement for High Voltage Power

Center Wavelength	1510 nm to 1590 nm
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Temperature Resolution	0.1°C or 0.04°C
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Temperature Accuracy	1°C or 0.4°C
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Temperature Range	-20°C to 120°C
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Cable Type	3 mm or Other Armored Cable
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Dimension	8x8x95 mm
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Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.