

0503 FBG Sensor

W9300-P



775 nm PM FBG

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
- High Stability and Reliability
- Free from Lightning and Magnetic-field Interference

USE IN

- Detection of Tank Temperature
- Temperature Monitoring in Hazardous Areas
- Temperature Monitoring and Fire Alarm of Cable Tunnel in Power Plant and Metallurgical Enterprise

Center Wavelength	775±0.5 nm
Temperature Resolution	0.1°C
Temperature Accuracy	1°C
Temperature Range	-20°C to 80°C
Dimensions	8x8x120 mm
Cable Type	φ3 mm Armored Cable
Connector	FC/UPC, FC/APC or Other
Package Type	Ceramic Package