S03 FBG Strain Sensor

Description

S-03 strain sensor uses the inherent strain sensitive characteristics of fiber Bragg grating to measure strain. This type of sensor is suitable for surface installation and measurement of micro displacement and crack of the measured buildings and walls.

Features

- High accuracy
- High sensitivity
- High stability and reliability
- Good EMI performance
- Convenient for networking and multipoint measurement



Applications

- Bridge structure health monitoring
- Building monitoring
- Tunnel monitoring
- Local strain analysis of pipeline
- Hull monitoring

Specification

Item	Unit	Specification
Strain Range	με	±2500
Strain Accuracy	με	5
Strain Resolution	με	1
Central Wavelength	nm	1510~1590
Connector Type	-	FC/APC or customized
Dimension	mm	Ø 17×64
Pigtail Type	-	Ø 3mm Armored Cable or Indoor Cable
Pigtail Length	-	Customized

Information and specifications are subject to change without notice.
Please visit www.china-tscom.com for more information

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