V01 FBG Vibration Sensor

Description

T&S V01 FBG vibration sensor is a device for measuring structural vibration. V01 vibration sensor can be combined with two other sensors fixed on special clamps for simultaneous measurement in three axial directions. Combined with WDM technology, a quasi-distributed sensor network is structured to directly measure the three-dimensional vibration acceleration of transformer body during its operation, which provides a new technical means for real-time online monitoring and condition evaluation of transformer vibration.



Features

- Unaffected by electromagnetic field.
- Sensors can be connected in series.
- Fast installation
- Repeatable installation



Application

- Oil immersed transformer

Specification

Item	Unit	Specification
Sensitivity	pm/g	30 (peak value)
Frequency Range	Hz	5~500
Resonance Frequency	Hz	1200
Maximum Impact Response	g	100
Operating Temperature	℃	-40~120
Dimension	mm	65 x 41 x 6
Weight	g	54
Installation	-	Screw

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

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