P02 FBG Pressure Sensor

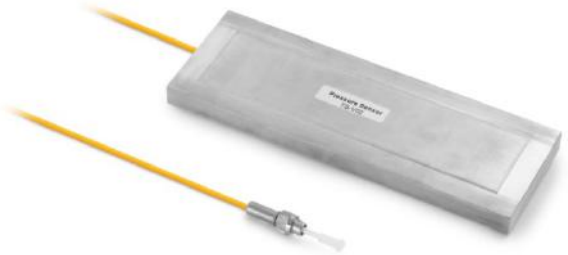
Description

The pressure of transformer winding has an important influence on the short-circuit capacity of transformer. Maintaining a constant pressure helps to improve the short-circuit withstand capacity of the transformer. We provide a fiber Bragg grating pressure sensor, which can monitor the pressure on the line.

Fiber Bragg grating pressure sensor can monitor the winding compression force and the operation of transformer during oil injection. It has the advantages of safety, stability and high precision. It provides support for the design, manufacture and process improvement of transformer.

Features

- Good anti-electromagnetic interference ability
- Good insulation
- No calibration required
- Easy installation



Specification

Parameters	Unit	Specification
Wavelength	nm	1525~1565
Measuring Range	kN	0~70
Resolution	-	5% F.S.
Operating Temperature	℃	-40 ~ +120
Packaging Material	-	Titanium alloy (TC4)
Connector Type	-	FC/APC
Dimension	mm	175 x 60 x 11
Weight	g	450
Installation Position	-	Transformer shoe press

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

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