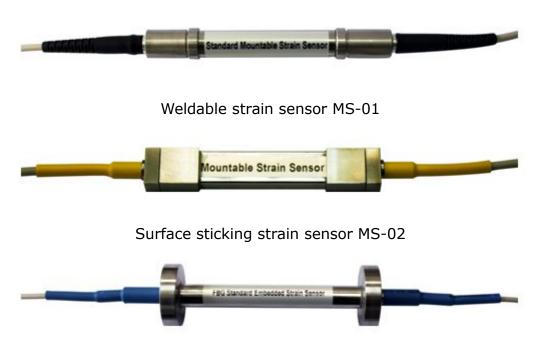




IDP3500-FBG Strain Sensor

Description

The strain sensors make use of the sensitivity of fiber grating to measure the strain. The FBG is fixed inside a stainless steel housing between two anchoring points. The housing consists of a sliding mechanism that allows both ends to move freely relative to each other.



Embedded strain sensor ES-01

Feathure

Robust and high reliability Monitoring of compression as well as tension possible

Watertight and capable of service in harsh environment

Application

The strain sensors can be applied to monitor strain changes in various structures for a very long period of time.







Specification

Parameters	Unit	Value	Remark
Center Wavelength	nm	1510-1590	Customized
Strain Measurement Range	με	+/-1500	Customized
Accuracy		1‰	
Temperature Range	°C	-5-80	
Dimension	mm	φ12 * 102	MS-01
		78(L) * 14(W) * 7(H)	MS-02
		φ33 * 110	ES-01
		Welding	MS-01
Installation	mm	Paste	MS-02
		Embedded	ES-01
Connector		FC/APC	
Pigtail Type		Amoured Or Jumper Cable	