

FBG Tilt Sensor TL-01

Description

The FBG tilt sensor TL-01 has a wide application such as bridge, wire pole and high building. The double FBGs are packaged inside the sensor that makes it temperature compensative. It can be cascaded to form sensor array.



Feature

- High reliability
- Temperature compensative
- High resolution

Specification

Parameter	Unit	Value	Remark
Center Wavelength	nm	1510-1590	
Range		$\pm 5^\circ$	Customized
Resolution	F.S	$\leq 0.01\%$	
Accuracy	F.S	$\leq 0.1\%$	
Temperature		Temp.	

		compensation	
Temp. Operation	℃	-25~+80	
Dimension(L*W*H)	mm	97*32*106	Installation Plate Included
Connector	--	FC/APC	Customized
Pigtail		Armored cable	

Tilt characteristic

