

[OESEN-ACC-100]

Fiber Bragg Grating Accelerator Sensor

Applications:

- Bridges
- Civil buildings
- Dams
- Railways

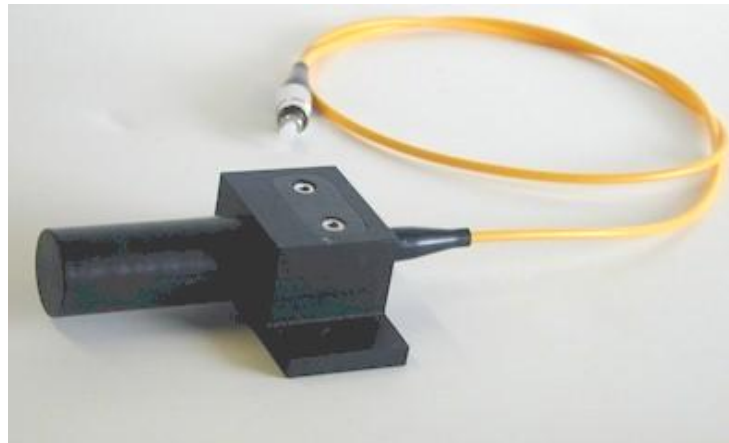


Fig. 1. Fibre Accelerator Sensor

Product Specifications:

Parameter	OESEN-ACC-100
Center wavelength (nm)	1310, 1550
FWHM (nm)	0.2 ± 0.1
Reflectivity (%)	> 75
Range (G)	1-10
Resolution (% FS)	< 0.2
Precision (%)	< 1
Fibre cable	1m long, 3 mm
Operation temperature (°C)	0-80

* Some limitations apply.

** Tuning range can significantly vary depending on FBG specifications.

*** Recommended values. The ambient environment temperature can limit the performance, incl. the tuning range.