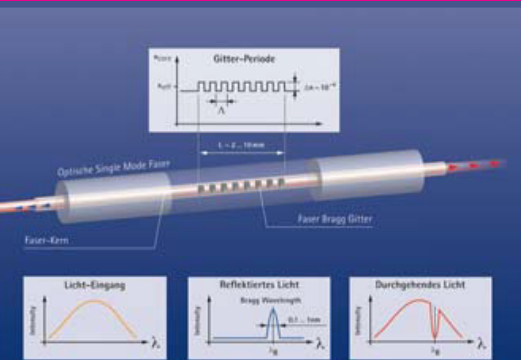


Stress analysis ...

Fiber Bragg sensors



Strain measurement using fiber Bragg sensors

- Especially suited to harsh environments, like:
 - Electro magnetic disturbed environment
 - High voltage
 - Critical, radioactively contaminated spots
 - Chemically aggressive or corrosive environment
- Reduced installation effort through cascaded sensors

Structurally integrated Strains



Strain gages for integration in fibre reinforce composite

- Measurement inside the structure by embedding the strain gages in the fibre carbon fibre and glass fibre reinforced plastic composite
- Monitoring of repaired structures as well as mends
- by the measuring point in powered components, for example, Rear spoiler in motor sport

Strain gages



HBM-Strain Gages – leading since 50 years

- Wide range of type strain gages
- A variety of different applications – from the experimental stress analysis to transducer constructions
- Complete accessories for the Strain gage installation, such as adhesives, adjustment and compensation elements, covering, etc.

Strain measurement of an object, sensor connection, processing device, data processing and service

... Experience counts.



measurement with confidence

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