

New generation deformation sensor

Based on advanced amorphous and nano (quasi)crystalline materials and tested with **great results** on



water dam (Gabčíkovo)
flooded with water



tunnel (Višňové)



gas pipeline (Posádka pri Hlohovci)
placed 10 meters under the ground

■ **applications in construction industry, traffic, soil mechanics**



Technical characteristics:

- Range > 3000 ppm (0,3%)
- Resolution better than 10 ppm (0,01%)
- Simple, cheap and reliable data collection
- Simple and quick installation
- **Resistance against corrosion, humidity, mechanical and electromagnetic effects**

<http://deformationsensor.blogspot.sk>

■ **sensitivity, linearity, range of deformations, "networkability", WIFI**

