

## **CaviLight indication sensor**

Product specifications



### **Background**

CaviLight is a sensor for detecting elongation and bolt breakage.

### **Function**

Bolt breakage is indicated by a flashing red light that is mounted on the sensor. Elongation is measured manually or that a fluorescent bead falls from the sensor when a pre-determined elongation has been reached.

### **Connection system**

Connects to the CaviBasic system.

### **Assembly**

The sensor is screwed on to the thread of a rock bolt. The sensor's light flashes red when assembled. Then the steel wire is threaded into the sensors connecting tube, which switches off the light.

### **Environment**

The sensor is embedded in a plastic mass, making it very robust and able to withstand very rough environments with moisture and vibrations.

### **Adapters for different rock bolts**

M20, M22 and M24

### **Life span**

About 4 years. For bolt breakage, up to 4 days.

### **Monitoring function**

"I am alive" that activates the lamp's blinking function when the sensor is illuminated with a certain light from a special torch.

### **Weight:**

50g