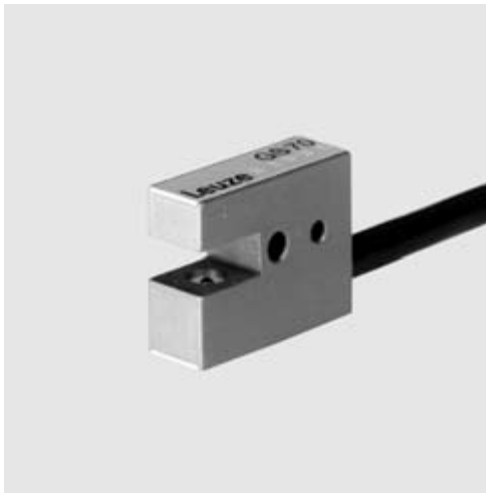




GS 70

Forked photoelectric sensor

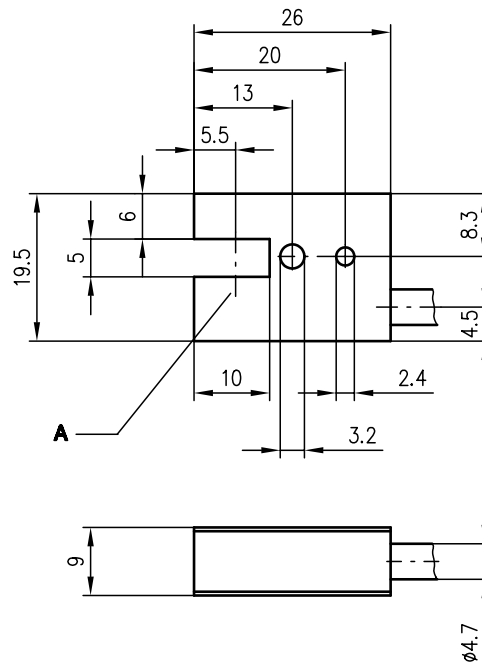


5mm



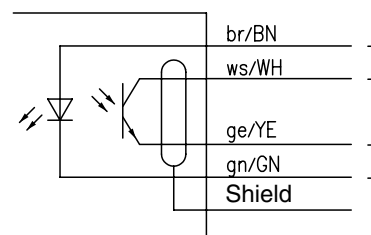
- Small construction volume enables application in small spaces
- Metal construction offers high firmness
- High insensitivity towards soiling and shocks
- Through selection of appropriate amplifiers optimally adaptable to applications

Dimensioned drawing



A Optical axis

Electrical connection



We reserve the right to make changes • MS\_a01.e.fm



Accessories:

(available separately)

- Amplifier for mini photoelectric sensors, e.g.
  - VS 9/1 (Part No. 500 00632)
  - IVS 9/4.8 (Part No. 500 12303)
  - VS 27/24 (Part No. 500 82005)
  - IVS 28/44.8 (Part No. 500 19808)



### Specifications

#### Optical data

Mouth width 5mm  
Light source LED (modulated light)  
Wavelength 880nm

#### Electrical data

Transmitter GaAs  
Transmitting current max. 200mA at D=0.05  
Receiver Si phototransistor  
Inverse voltage  $U_{CEO}$  max. 35VDC

#### Mechanical data

Housing aluminium red anodised  
Weight approx. 60g  
Cable length 2000mm  
Cable cross-section 4x0.14mm<sup>2</sup>+shield

#### Environmental data

Ambient temp. (operation/storage) -20°C ... +60°C/-30° ... +70°C  
Protection class IP 40

### Tables

### Diagrams

### Order guide

Designation	Part No.
GS 70	500 00067

### Remarks

- If a cable lengthening should be necessary, make sure that the shield is lead continuously.