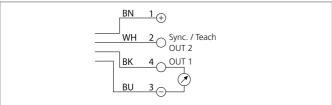
USGT 70/13 U-B4

Ultrasonic Fork Sensor

#di-soric

- Large linearized analog range
- Very high repeatability
- Web edge control also with transparent materials
- Insensitive to dirt

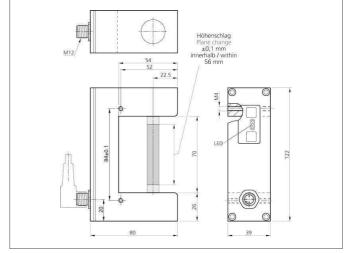




Safety instructions

The Instruments are not to be used for safety applications, in particular applications in which safety of persons depends on proper operation of the instruments.

These instruments shall exclusively be used by qualified personnel.



| TECHNICAL INFORMATION (typ.) | +20°C, 24V DC |
|------------------------------|--|
| Operating principle | Ultrasonic through beam sensor |
| Evaluation | analog |
| Design | fork |
| Fork width/measuring range | 70/13 mm |
| Service voltage | 8 30 V DC |
| Internal power consumption | 35 mA |
| Sensitivity adjustment | Teach key |
| Analog output | $10 \dots 0 \text{ V, Load /} < 10.000 \Omega$ |
| Ripple | 10 % |
| Switching frequency | 285 Hz |
| Reproducibility | 0,1 mm |
| Insulation voltage endurance | 500 V |
| Protection class | IP 67 |
| Casing material | Aluminium black anodized |
| Connection | Connector, M12, 4-poled |
| | |