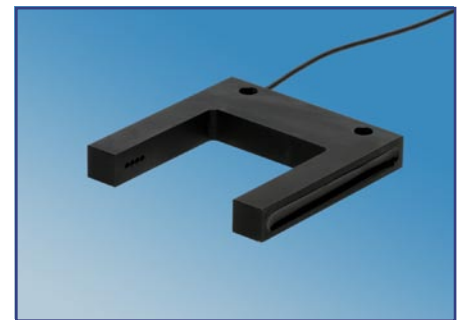




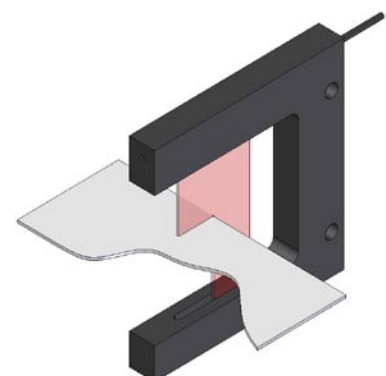
- ▶ Fork sensor with a 8mm wide uniform light band
- ▶ Together with a STM MICROmote® amplifier the sensor provides a linear output signal analogue to the coverage of the measuring range
- ▶ Developed for precise web edge steering applications
- ▶ Space saving design
- ▶ Very high edge resolution
- ▶ Excellent linearity over the complete fork width
- ▶ Cost-effective and accurate alternative to laser systems



LIGHT-BAND FORK SENSOR
for precise web steering

▶ TECHNICAL DATA

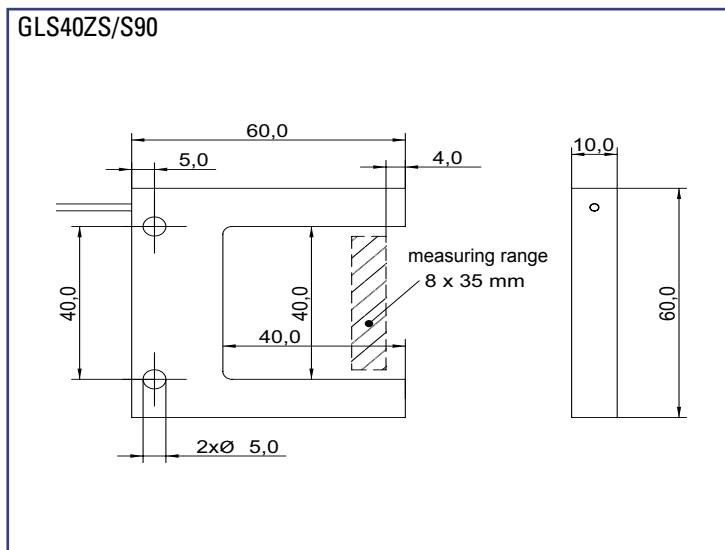
MODEL	GLS40ZS/S90
Fork width (mm)	40mm
Edge resolution	0,05mm
Reproducibility	0,03mm
Measuring range	8mm (on 35mm length)
Linearity	range 0mm - 8mm: 8% range 1mm - 7mm: 2% range 2mm - 6mm: 1%
Light type	red 650nm
Housing material	aluminium, black anodized
Operating temperature	-10°C.. +55°C
Protection class	IP65
Supply connection	1m PUR cable with connector M8



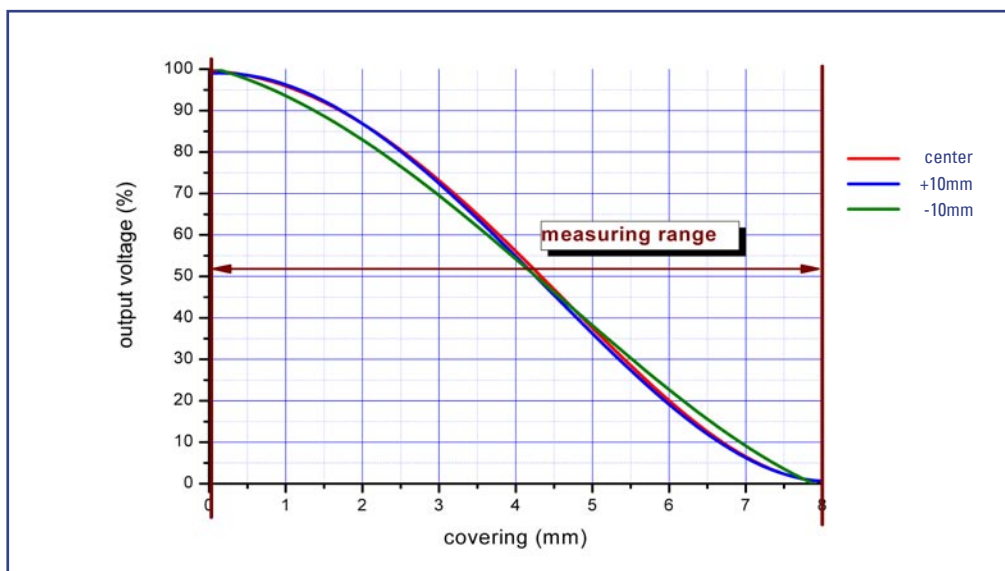


GLS40ZS/S90

► DIMENSIONS Measurements in mm. Subject to technical change.



► SIGNAL OUTPUT



The signal waveform depicted is generated in conjunction with a STM analog amplifier (e.g. V10-C, V10-D)

INFORMATION

You can select between two models of an STM analog amplifier for the operation (4 - 20mA oder 0 - 10V). For further details, please see the amplifier data sheets.

ORDER EXAMPLE

GLS40ZS/S90-P-0:1m = Light-band sensor high res - fork width 40mm - 7mm range - PUR cable - connector M8, 3pin : 1m cable length
Other cable lengths available on request! Please order the selected amplifier separately!