

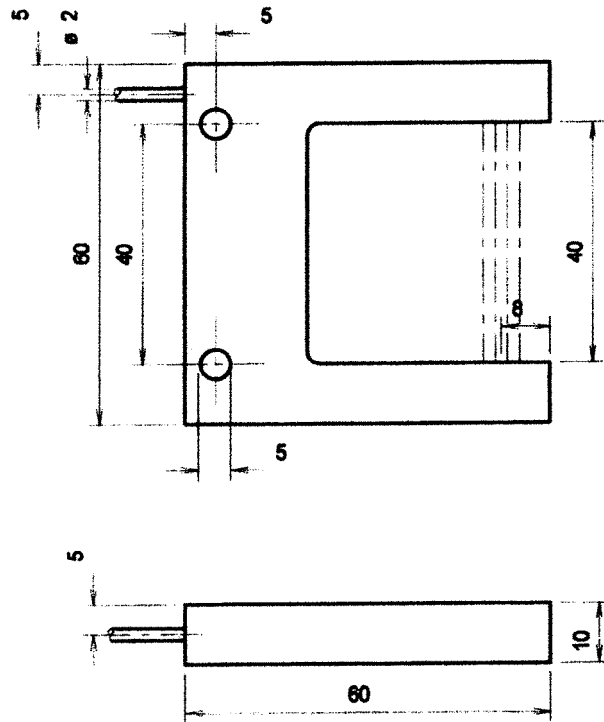
GLS40ZS/S90-P-0:1m
for Web Control

This special Multi Beam Fork Sensor was designed to offer a price effective, little space requiring alternative to expensive laser based web control units.

In total 4 IR light beams are creating an approx. 5mm wide homogeneous light curtain. Within this area a nearly linear signal curve is given.

This Fork Sensor is most suitable for paper or tape web control. But, positioning jobs are possible applications too.

For proper operations a separate amplifier with analog output is required. STM offers Analog Amplifiers with Voltage- (V8-C) as well as Current-Output (V8-D).

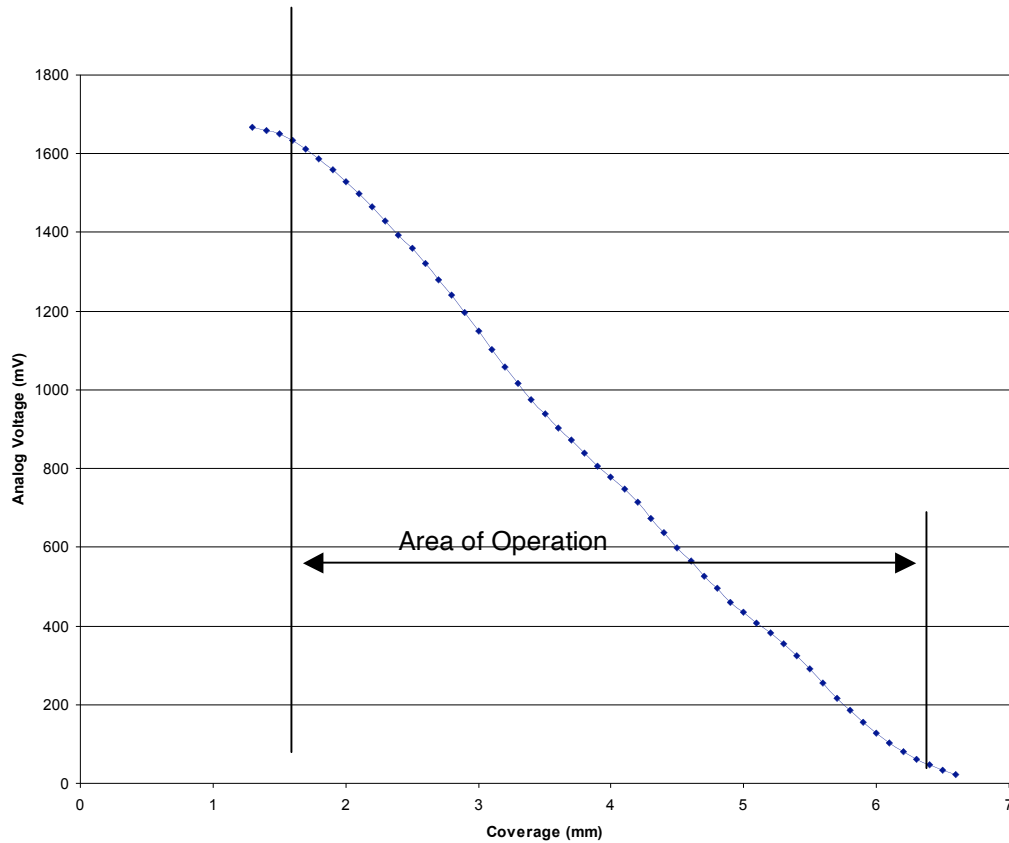


Technical Data:

Light Type	Infra Red 880nm
Curtain Width	5mm
Max. Resolution	0,1mm (=> approx. 25mV signal change)
Fork Width	40mm
Housing Material	Aluminum, black anodized
Connection Type	1m PUR coated cable with 3 pin female M8 Pico-connector
Operating Temperature	-10°C...55°C
Protection Class	IP 65

SIGNAL CURVE

The below shown analog graph arises from a connected Analog-Amplifier with voltage output (V7/S47-B-00).



Within a width of approx. 5mm an almost linear graph is given.

Part Designation:

Fork Sensor

Part No. 1170034

GLS40ZS/S90-P-0:1m

Amplifiers
(to be ordered separately)

Part No. 1320013
Part No. 1320016

V8-C-00 (0 ... 10V)
V8-D-00 (4 ... 20mA)