

more added value

- High degree of process reliability
- Better quality
- Improved efficiency



Reliable Web Edge Control

BGL fork sensors: a light-band accomplishes more

In-process correction

Thanks to their light band, BGL fork sensors not only ensure completely reliable detection, but also determine object positions very accurately: In-process correction could not be easier. Process reliability and product quality are significantly improved. Use the BGL light band fork sensor – with enhanced efficiency as a welcome extra.

Technical highlights

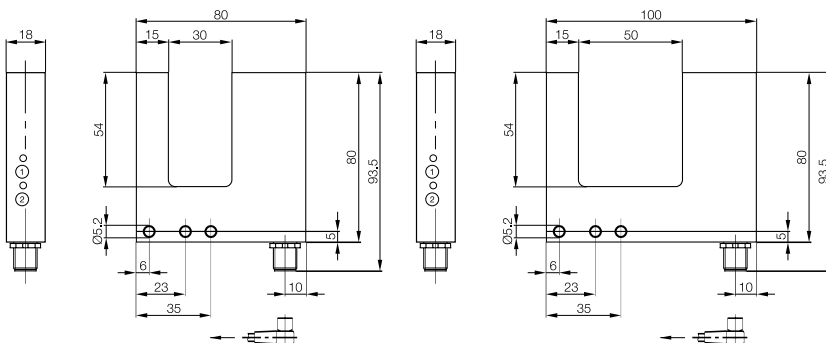
- Analog signal proportional to the skin depth of the object
- Stable value, even in the event of height variations
- Fieldbus connection with IO-Link



Ordering code

■ Part number

	BGL002Z	BGL30C-001-S4	BGL0037	BGL50C-001-S4	BGL0033	BGL30C-005-S4	BGL0031	BGL30C-003-S4	BGL003C	BGL50C-005-S4	BGL0039	BGL50C-003-S4	BGL0035	BGL30C-007-S4	BGL003F	BGL50C-007-S4
Basic: 2 switching outputs	■	■														
Advanced: 1 analog output with 1 switching/error output					■	■	■	■	■	■	■	■	■	■	■	■
Premium: IO-Link																
Fork opening						30 mm										
						50 mm										
Switching output																
						PNP										
						NPN										
Analog output																
						0...10 V DC										
						4...20 mA										
Light type																
						Red light										
Measurement field length																
						25 mm										
Resolution																
						≤ 0.1 mm										
Housing material																
						Al anodized										
Wiring																
						M12 connector, 4-pin										



Integral air rinsing nozzle to prevent dust from accumulating on the optical transmitter and receiver. Simple connection via standard pneumatic system.

