

	Aperture for BLE/BLS 18	Double Slit Aperture for BLE/BLS 18	Slit Aperture for BLE/BLS 12M	Slit Aperture for BLE/BLS 65K
Ordering code	BOS 18-BL-1	BOS 18-BL-2	BOS 12-BL-1	BOS 65-BL-1

The round and slit apertures limit the beam diameter. Smaller parts can be detected over a large range. Emitter and receiver must be precisely aligned.

Advantages:

- Small parts detection, e. g. 1 mm drill, aperture only on emitter
- Thru-beam or retro-reflective sensors can be mounted directly adjacent to each other
- Highly reflective parts directly next to the light beam of the non-diffuse type do not interfere

Slit width in mm	Range in m	Object size in mm	Slit width in mm	Range in m	Object size in mm
1	0,5	> 1	1	6	> 1
1,5	1	> 1,5	2	10	> 2
2	2	> 2	5	25	> 5

Aperture on emitter	Aperture on receiver	Range in m
o	o	∞
o	o	∞
o	o	2

Aperture position emitter	Aperture position receiver	Range in m
		3
		2
		2

