

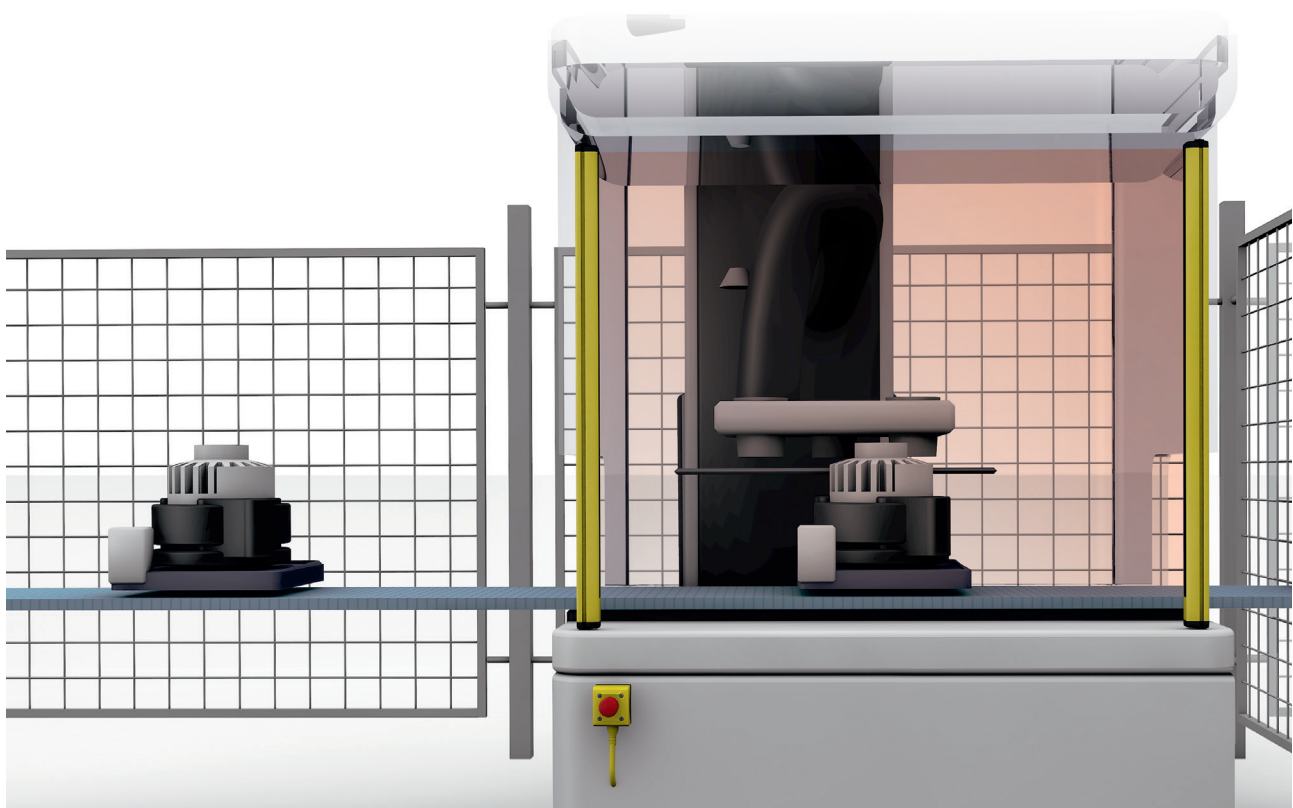
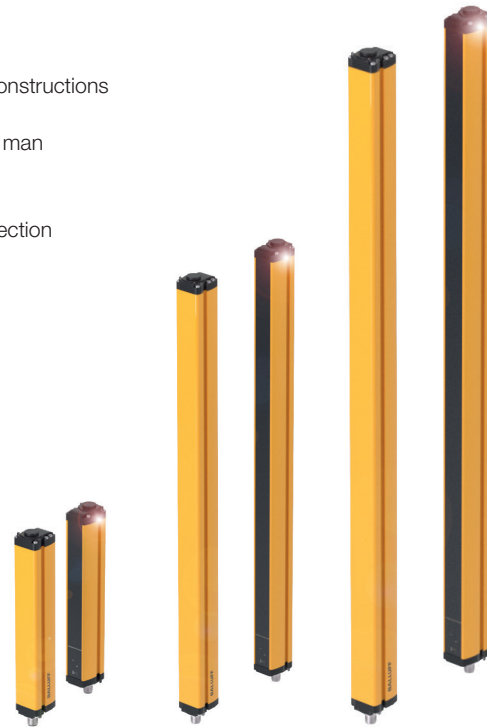
Economical hazardous area safeguarding for personal protection

SAFETY LIGHT CURTAINS

Safety light curtains are non-contacting guard devices for detecting fingers, hands or bodies. They are used in work areas where machines present potential hazards. Their most important task is to stop hazard-inducing movements. The device consists of an emitter and a receiver and covers the protected area using an infrared field. As soon as the beams from the emitter are interrupted by an object, both output signal switching devices (OSSDs) on the receiver are turned off. This stops the machine connected to the OSSD outputs.

Features

- Replaces protective fence constructions for better space utilization
- For fast interaction between man and machine
- High tamper protection
- For finger, hand or body detection
- PLe / SIL 3



SAFETY LIGHT CURTAINS



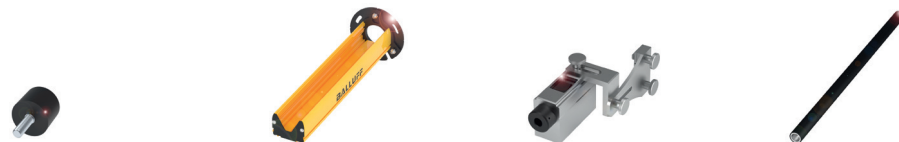
		FINGER PROTECTION	HAND PROTECTION	BODY PROTECTION
Photoelectric light grid	150 mm	BLG000A	BLG000T	
	300 mm	BLG000C	BLG000U	
	450 mm	BLG000E	BLG000W	
	515 mm			BLG0006
	600 mm	BLG000F	BLG000Y	
	750 mm	BLG000H	BLG000Z	
	815 mm			BLG0007
	900 mm	BLG000J	BLG0010	
	915 mm			BLG0008
	1050 mm	BLG000K	BLG0011	
	1200 mm	BLG000L	BLG0012	
	1215 mm			BLG0009
	1350 mm	BLG000R	BLG0013	
	1500 mm	BLG000M	BLG0014	
	1650 mm	BLG000N	BLG0015	
	1800 mm	BLG000P	BLG0016	
Range		< 6 m	< 19 m	< 50 m
Response time		11...50 ms	9...28 ms	14...16 ms
Resolution		14 mm	30 mm	> 315 mm
Switching output		OSSD	OSSD	OSSD
PL (EN ISO 13849-1)/SIL CL (EN/IEC 62061)		PLe/SIL CL 3	PLe/SIL CL 3	PLe/SIL CL 3
Connection	Emitter Receiver	M12 male, 4-pin M12 male, 5-pin	M12 male, 4-pin M12 male, 5-pin	M12 male, 4-pin M12 male, 5-pin

CONNECTORS



		BCC07WR	BCC0H1E	BCC0H1L
Type		Tee	2 m cable PUR (black), yellow head for safety applications	2 m cable PUR (black), yellow head for safety applications
Connection	Head 1	M12 female, 5-pin	M12 female, 4-pin (straight)	M12 female, 4-pin (straight)
	Head 2	M12 female, 5-pin	M12 male, 4-pin (straight)	M12 male, 4-pin (right-angle)
	Head 3	M12 male, 5-pin		

ACCESSORIES



		BAM02N6	BAM02NE	BAE00WJ	BAM02P9
Type		Installation accessory	Mounting accessory	Laser module	Tool