

Safety Light Curtains

Finger resolution series SB4-14/...-D6

CARLO GAVAZZI



- Safety Category 4 in conformity with EN 61496-1 and /-2
- Finger resolution
- Test, start and override functions
- On board DIP switch selectable functions: partial / total muting and manual / automatic restart
- Failure diagnosis by LEDs
- Easy alignment and mounting procedure
- Compact dimensions

Product Description

Safety Light Curtains of Safety Category 4 in conformity with EN 61494-1 /-2. The SB4- finger resolution series is provided with partial / total muting function, automatic / manual restart mode. All the software dedicated is on board and the functions above can be selected and

adjusted through the DIP switches placed in the receiver unit. The SB4 light curtain series can be effectively employed along with the respective safety relay NL1/3-D, obtaining a complete safety package for many industrial applications.

Ordering Key

SB4-14/161-D6

Safety Barriers _____
 Safety Category _____
 Resolution _____
 Protected Height _____
 Operating Distance _____

Type Selection

Height of the protected area	Response time (ms)	Number of beams	Height (h) mm	Ordering no.
161	18	21	256	SB4-14/161-D6
308	22	42	403	SB4-14/308-D6
455	26	63	550	SB4-14/455-D6
602	31	84	697	SB4-14/602-D6
749	35	105	844	SB4-14/749-D6

Specifications

Resolution	14 mm	Protection degree	IP 65
Scanning distance	0,2 ÷ 6 m	Operating temperature	- 10 ÷ + 55 °C
Safety Output function	2 PNP	Environment light rejection	IEC-61496-2
Power supply	24 VDC ± 20 %	Housing	Painted Aluminum
Emitter / Receiver consumption	70 mA / 100 mA max	Output connection	TX: M12 4-pole connector RX: M12 8-pole connector
Auxiliary functions	Total muting / Partial muting / Override / Auto / Manual reset	External dimensions mm	35 x 40 x h