

Safety Light Curtains

Body resolution series SB4-.../...-D50 and -D25



- Safety Category 4 in conformity with EN 61496-1 and /-2
- Body 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- body 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

SB4-315/915-D50

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

Type Selection

Height of the protected area	Resolution (ms)	Number of beams	Height (h) mm	Ordering no. Operating distance 25 m	Ordering no. Operating distance 50 m
515	515	2	652	SB4-515/515-D25	SB4-515/515-D50
815	415	3	952	SB4-415/815-D25	SB4-415/815-D50
915	315	4	1052	SB4-315/915-D25	SB4-315/915-D50
1215	415	4	1342	SB4-415/1215-D25	SB4-415/1215-D50

Specifications

Response time	14 ms	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
Protection degree	IP 65		