

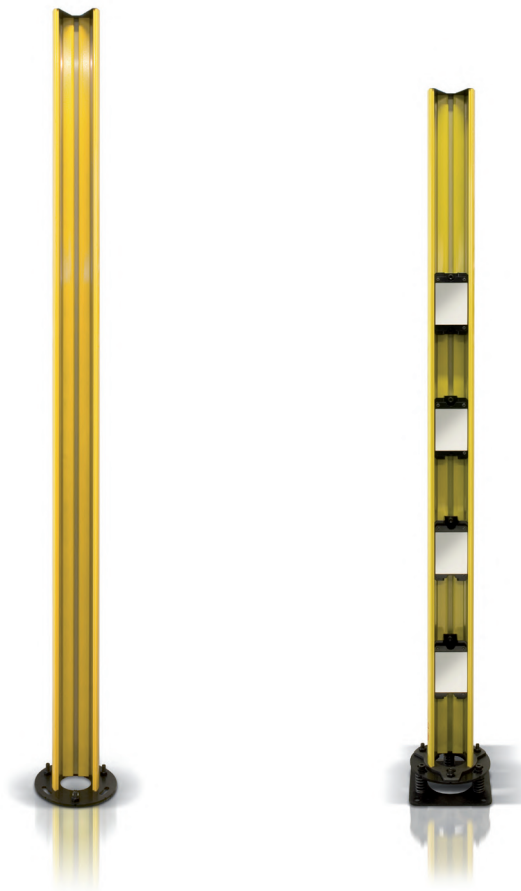
SG-PSB AND SG-PSM SERIES

The new **SG-PSB** and **SG-PSM** series are studied to improve the previous series SG-PS and to be used with all SG2, SG4, SG BODY BIG, SG BODY REFLECTOR and SG BODY COMPACT safety light curtains for finger, hand and body protection and access control.

Two complete new series are now available :

- **SG-PSB** version represents the natural replacement of SG-PS. SG – PSB is a protective aluminium profile mounted on a steel base made by two plates. Five different models with heights from 600mm to 1900mm are available.
- **SG-PSM** version is completely new and integrates into SG-PSB single mirrors for typical body or access perimeter protection. Four different models for 2, 3, 4 beams body protection 500, 800, 900 and 1200 mm controlled height whose mirrors are positioned according to EN-999 standard.

SG-PSB and **SG-PSM** series drastically reduce the overall plant costs thanks to their extremely installation easiness.



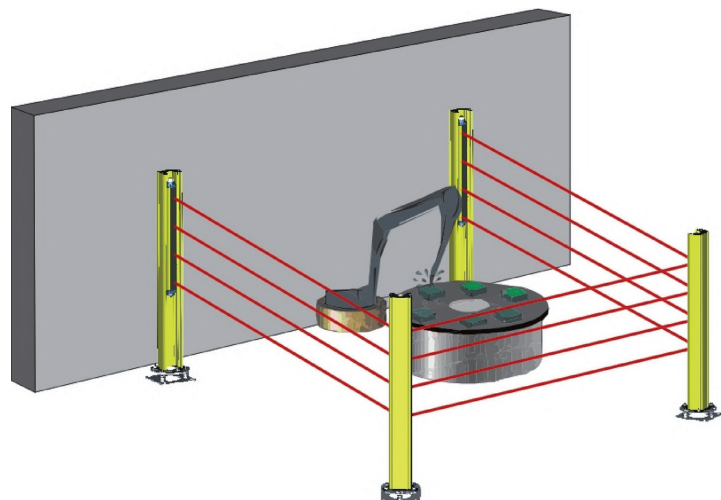
SAFETY

HIGHLIGHTS

- Safety light curtains protection against shocks and collisions
- Available for all SE, SG2, SG4-B, SG BODY and SG BODY REFLECTOR series
- Models for barriers and with integrated deviating single mirrors
- Suitable for mounting stand-alone full-length mirrors inside
- Single base with 2 disks for flatness regulation and angular adjustment
- Upper plate's grooves positioned at most common angles (30, 45, 60, 90 degrees)
- Spherical level ball
- Additional accessory kit of squared plate together with 3 load springs
- Double rear groove for mounting additional external muting sensor

TYPICAL APPLICATIONS

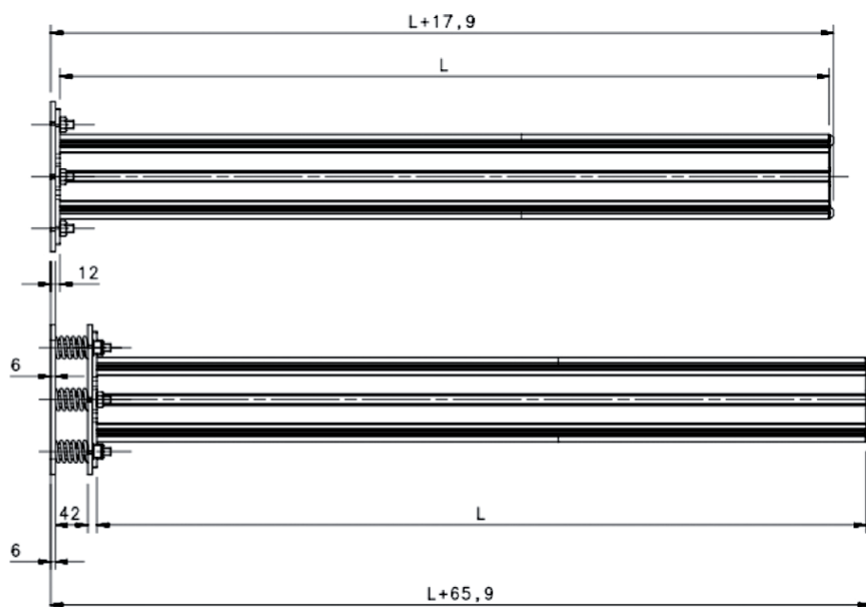
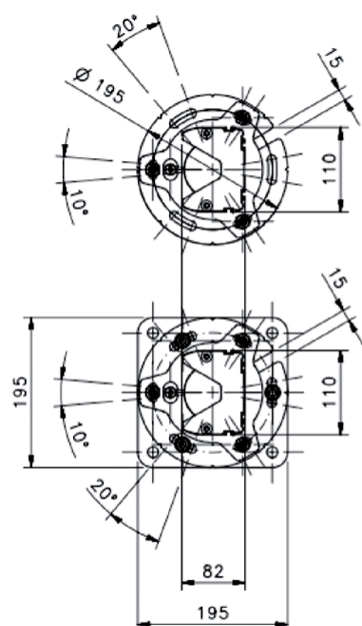
The combination of multiple light beam safety devices or safety light curtains with deflector mirrors is the right solution for perimeter protection. The adjustment of the deflector mirrors mounted in sturdy columns is thereby very straightforward. Here the unhindered access for loading as well as for changing tools and programs is a further advantage over mechanical fencing. The result is an increase in productivity.



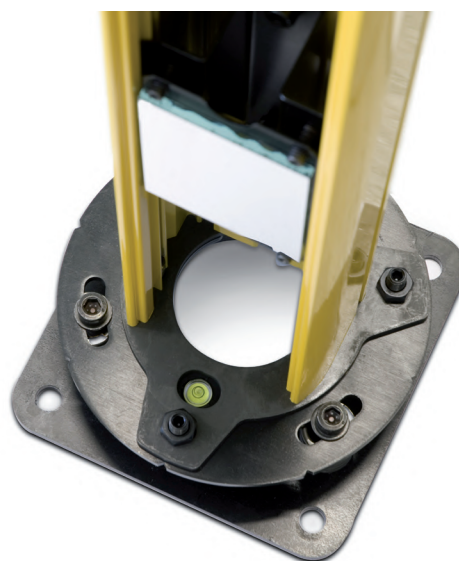
TECHNICAL SPECIFICATIONS

SPECIAL FEATURES	SG-PSB	SP-PSM	SG-P
Easy installation, quick vertical and axial alignment in just a few steps	.	.	
Easy height adjustment of the installed devices	.		
Individual mirrors can be exchanged and separately aligned		.	
Mirror distance according to EN 999 standard		.	
Additional upper plate with grooves positioned at most common angles	.	.	
Flatness regulation through 3 grains and spheric level ball	.	.	
Automatic resetting after mechanical impacts with special spring elements			.

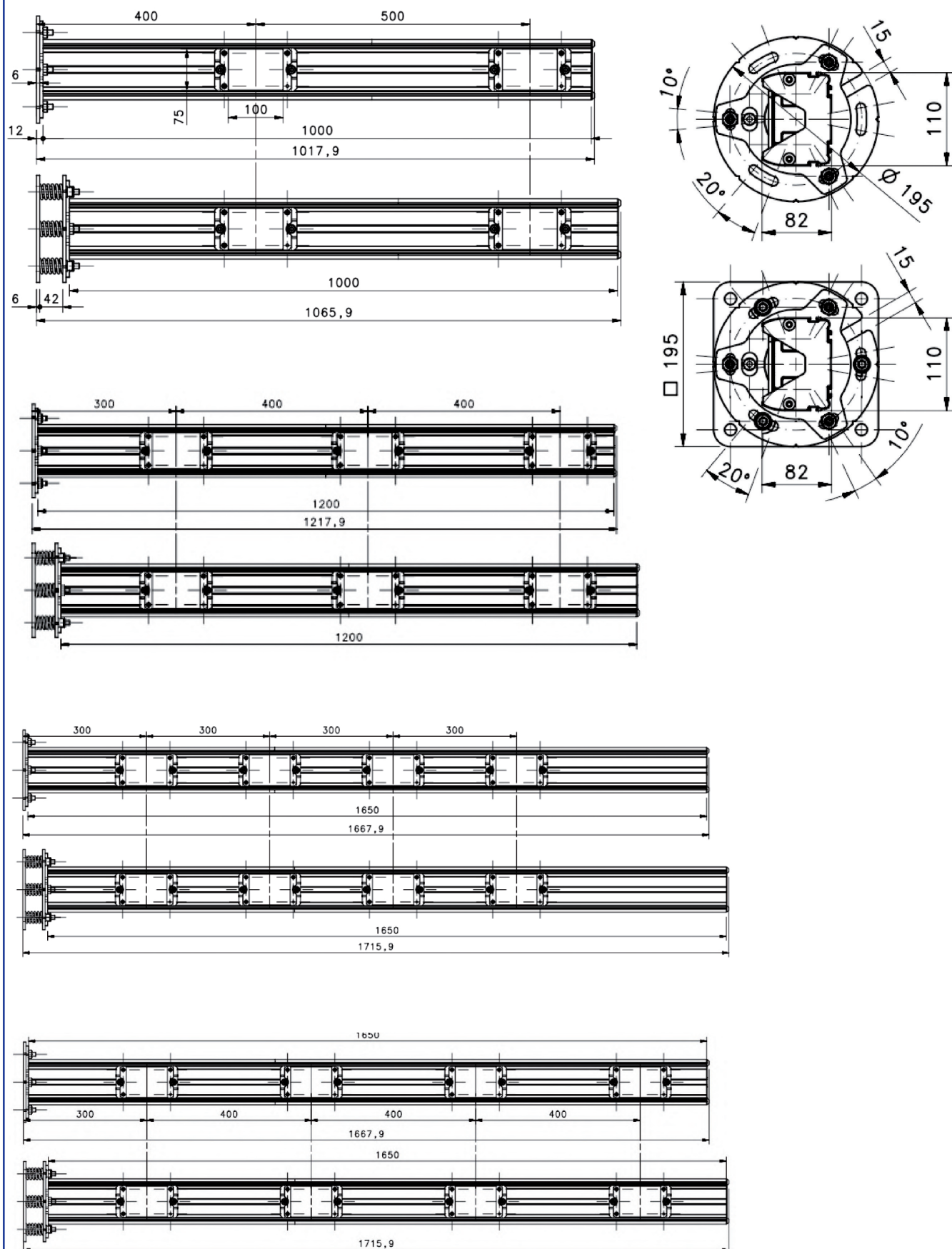
SG-PSB DIMENSIONS



VERSION	L (mm)
SG-PSB 600	600
SG-PSB 1000	1000
SG-PSB 1200	1200
SG-PSB 1650	1650
SG-PSB 1900	1900



SG-PSM DIMENSIONS



SG-PSM AND SAFETY LIGHT CURTAIN CORRESPONDENCE

The following table lists safety light curtain models that can be combined with the SG-PSM corresponding ones for typical perimeter protection applications.

SG-PSM	CORRESPONDING CURTAIN	CONTROLLED HEIGHT
SG-PSM-2-500	SE2-P2-050#####	500 mm
	SE4-P2-050#####	500 mm
	SE4-Q2-050#####	500 mm
	SG2-S2-050#####	500 mm
	SG4-S2-050#####	500 mm
	SG2-B2-050#####	500 mm
	SG4-B2-050#####	500 mm
	SG4-BLR2-050#####	500 mm
	SG4-BSR2-050#####	500 mm
SG-PSM-3-800	SE2-P3-080#####	800 mm
	SE4-P3-080#####	800 mm
	SE4-Q3-080#####	800 mm
	SG2-S3-080#####	800 mm
	SG4-S3-080#####	800 mm
	SG2-B3-080#####	800 mm
	SG4-B3-080#####	800 mm
	SG4-BLR3-080#####	800 mm
	SG4-BSR3-080#####	800 mm
SG-PSM-4-900	SE2-P4-090#####	900 mm
	SE4-P4-090#####	900 mm
	SE4-Q4-090#####	900 mm
	SG2-S4-090#####	900 mm
	SG4-S4-090#####	900 mm
	SG2-B4-090#####	900 mm
	SG4-B4-090#####	900 mm
	SG4-BLR4-090#####	900 mm
	SG4-BSR4-090#####	900 mm
SG-PSM-4-1200	SE2-P4-120#####	1200 mm
	SE4-P4-120#####	1200 mm
	SE4-Q4-120#####	1200 mm
	SG2-S4-120#####	1200 mm
	SG4-S4-120#####	1200 mm
	SG2-B4-120#####	1200 mm
	SG4-B4-120#####	1200 mm
	SG4-BLR4-120#####	1200 mm
	SG4-BSR4-120#####	1200 mm

SG-PSB AND SAFETY LIGHT CURTAIN CORRESPONDENCE

The following table lists safety light curtain models that can be mounted inside the SG-PSB corresponding ones for typical perimeter protection applications. Fixing brackets column specifies the bracket accessory kit required to install TX or RX unit inside the protective stand.

SG-PSB	CURTAIN	CONTROLLED HEIGHT	FIXING BRACKETS
SG-PSB 600	SE2-35	150÷450 mm	ST-PS4-SG-SE
	SE4-14/20/30/35	150÷450 mm	ST-PS4-SG-SE
	SG2-30/50/90	150÷450 mm	ST-PS4-SG-SE
	SG4-14/30	150÷450 mm	ST-PS4-SG-SE
SG-PSB 1000	SE2-35	600÷750 mm	ST-PS4-SG-SE
	SE4-14/20/30/35	600÷750 mm	ST-PS4-SG-SE
	SE2-P2-050#####	500 mm	ST-PS4-SG-SE
	SE4-P2-050#####	500 mm	ST-PS4-SG-SE
	SE4-Q2-050#####	500 mm	ST-PS4-SG-SE
	SG2-30/50/90	600÷750 mm	ST-PS4-SG-SE
	SG4-14/30	600÷750 mm	ST-PS4-SG-SE
	SG2-S2-050#####	500 mm	ST-PS4-SG-SE
	SG4-S2-050#####	500 mm	ST-PS4-SG-SE
	SG2-B2-050#####	500 mm	ST-PS4-SG BODY
	SG4-B2-050#####	500 mm	ST-PS4-SG BODY
	SG4-BLR2-050#####	500 mm	ST-PS4-SG BODY
	SG4-BSR2-050#####	500 mm	ST-PS4-SG BODY
SG-PSB 1200	SE2-35	900÷1050 mm	ST-PS4-SG-SE
	SE4-14/20/30/35	900÷1050 mm	ST-PS4-SG-SE
	SE2-P3-080#####	800 mm	ST-PS4-SG-SE
	SE4-P3-080#####	800 mm	ST-PS4-SG-SE
	SE4-Q3-080#####	800 mm	ST-PS4-SG-SE
	SG2-30/50/90	900÷1050 mm	ST-PS4-SG-SE
	SG4-14/30	900÷1050 mm	ST-PS4-SG-SE
	SG2-S3-080#####	800 mm	ST-PS4-SG-SE
	SG4-S3-080#####	800 mm	ST-PS4-SG-SE
	SG2-B3-080#####	800 mm	ST-PS4-SG BODY
	SG4-B3-080#####	800 mm	ST-PS4-SG BODY
	SG4-BLR3-080#####	800 mm	ST-PS4-SG BODY
	SG4-BSR3-080#####	800 mm	ST-PS4-SG BODY

SG-PSB	CURTAIN	CONTROLLED HEIGHT	FIXING BRACKETS
SG-PSB 1650	SE2-35	1200÷1500 mm	ST-PS6-SG-SE
	SE4-14/20/30/35	1200÷1500 mm	ST-PS6-SG-SE
	SE2-P4-090#####	900 mm	ST-PS4-SG-SE
	SE4-P4-090#####	900 mm	ST-PS4-SG-SE
	SE4-Q4-090#####	900 mm	ST-PS4-SG-SE
	SE2-P4-120#####	1200 mm	ST-PS6-SG-SE
	SE4-P4-120#####	1200 mm	ST-PS6-SG-SE
	SE4-Q4-120#####	1200 mm	ST-PS6-SG-SE
	SG2-30/50/90	1200÷1500 mm	ST-PS6-SG-SE
	SG4-14/30	1200÷1500 mm	ST-PS6-SG-SE
	SG2-S4-090#####	900 mm	ST-PS4-SG-SE
	SG4-S4-090#####	900 mm	ST-PS4-SG-SE
	SG2-B4-090#####	900 mm	ST-PS4-SG BODY
	SG4-B4-090#####	900 mm	ST-PS4-SG BODY
	SG4-BLR4-090#####	900 mm	ST-PS4-SG BODY
	SG4-BSR4-090#####	900 mm	ST-PS4-SG BODY
	SG2-S4-120#####	1200 mm	ST-PS6-SG-SE
	SG4-S4-120#####	1200 mm	ST-PS6-SG-SE
	SG2-B4-120#####	1200 mm	ST-PS6-SG BODY
	SG4-B4-120#####	1200 mm	ST-PS6-SG BODY
	SG4-BLR4-120#####	1200 mm	ST-PS6-SG BODY
	SG4-BSR4-120#####	1200 mm	ST-PS6-SG BODY
SG-PSB 1900	SE2-35	1650 mm	ST-PS6-SG-SE
	SE4-20/30/35	1650 mm	ST-PS6-SG-SE
	SG2-30/50/90	1650÷1800 mm	ST-PS6-SG-SE
	SG4-14/30	1650÷1800 mm	ST-PS6-SG-SE

MODEL SELECTION AND ORDER INFORMATION

MODEL	DESCRIPTION	ORDER N°
SG-PSB 600	SG-PSB 600 PROTECTIVE STAND H=600mm	95ASE2240
SG-PSB 1000	SG-PSB 1000 PROTECTIVE STAND H=1000mm	95ASE2250
SG-PSB 1200	SG-PSB 1200 PROTECTIVE STAND H=1200mm	95ASE2260
SG-PSB 1650	SG-PSB 1650 PROTECTIVE STAND H=1650mm	95ASE2270
SG-PSB 1900	SG-PSB 1900 PROTECTIVE STAND H=1900mm	95ASE2280
SG-PSM-2-500	SG-PSM-2-500 PROT STANDS 2 MIRRORS H500	95ASE2300
SG-PSM-3-800	SG-PSM-3-800 PROT STANDS 3 MIRRORS H800	95ASE2310
SG-PSM-4-900	SG-PSM-4-900 PROT STANDS 4 MIRRORS H900	95ASE2320
SG-PSM-4-1200	SG-PSM-4-1200 PROT STANDS 4 MIRRORS H1200	95ASE2330

NOTE: Each SG-PSB model contains what is necessary to protect a single unit (TX or RX). To protect both TX and RX, two pieces of the same part number are needed.

ACCESSORY SELECTION AND ORDER INFORMATION

MODEL	DESCRIPTION	ORDER N°
SG-P	SG-P PLATE KIT FOR PROTECTIVE STANDS	95ASE2290
ST-PS4-SG BODY	ST-PS4-SG BODY 4PCS PROTECTIVE STANDS MOUNTING KIT SG BODY BIG	95ASE1730
ST-PS6-SG BODY	ST-PS6-SG BODY 6PCS PROTECTIVE STANDS MOUNTING KIT SG BODY BIG	95ASE1740
ST-PS4-SG-SE	ST-PS4-SG-SE 4PCS PROTECTIVE STANDS MOUNTING KIT SG2/SG4/SE2/SE4	95ASE1750
ST-PS6-SG-SE	ST-PS6-SG-SE 6PCS PROTECTIVE STANDS MOUNTING KIT SG2/SG4/SE2/SE4	95ASE1760
ST-PS-DM	ST-PS-DM 2PCS PROTECTIVE STANDS MOUNTING KIT DEVIATING MIRRORS	95ASE1770

NOTE: Inside the SG-PSB profile many different safety light curtain models can be mounted; for that reason 5 different accessory fixing bracket kits are available. According to the barrier supposed to be installed into the SG-PSB customer has to order the corresponding kit.



The company endeavours to continuously improve and renew its products; for this reason the technical data and contents of this catalogue may undergo variations without prior notice. For correct installation and use, the company can guarantee only the data indicated in the instruction manual supplied with the products.

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