

# SG4 Safety Light Curtain



High reliability  
Easy installation and alignment  
Cost effective

# SG4 Safety Light Curtain

**Technical Data:**

- Type 4 (IEC 61496), SIL3 (IEC 61508), PL e (EN ISO 13849)
- Finger and hand detection
- Resolution 14 and 30 mm
- Monitored height 150...1800 mm (with 150 mm steps)
- Up to 19 m operating distance
- Compact dimensions (32,3 × 36,9 mm section)
- Rotating and anti-vibration brackets
- IP65 Protection; IP69K with optional tube

**Applications:**

- Automatic machines: cutting, packaging, material handling and storing
- Automatic and semi-automatic assembling lines
- Milling, lathe and shearing machines
- Bending and metal-working machines



**SG** 4 - 30 - 015 - **00** - E

Type		Resolution		Monitored height		Version	
4	Type 4	14	Finger 14 mm	15	150 mm	E	Type 4, EDM, Coded
		30	Hand 30 mm	30	300 mm	X	Basic Function
		...	...	...	...		
				180	1 800 mm		

**STOCK TYPES**



SAFETY LEVEL  
**TYPE 4**  
SIL 3 - SILCL 3  
PL e - Cat. 4



**Selected types in stock**

Type	ArtNo	Resolution mm	Height mm	Operating Distance m
SG4-14-030-00-E	957901010	14	300	6
SG4-14-045-00-E	957901020	14	450	6
SG4-14-060-00-E	957901030	14	600	6
SG4-30-060-00-E	957901150	30	600	19
CS-A1-02-U-05	95ASE1130	4-poles connector M12 axial, for emitter, 5 m cable		
CS-A1-06-U-05	95ASE1230	8-poles connector M12 axial, for reciever, 5 m cable		
SE-SR2	95ACC6170	Safety relay, 3 NO + 1 NC, selectable auto/manual restart		