

Value in Detection

SG4-H Stainless Steel Safety



Type 4 Safety Light Curtains
with Automatic Restart

AISI 316L Stainless Steel
with Glass or Plastic Optics

Compact Profile
with 30 x 50 mm

IP65 and IP69K
mechanical protection



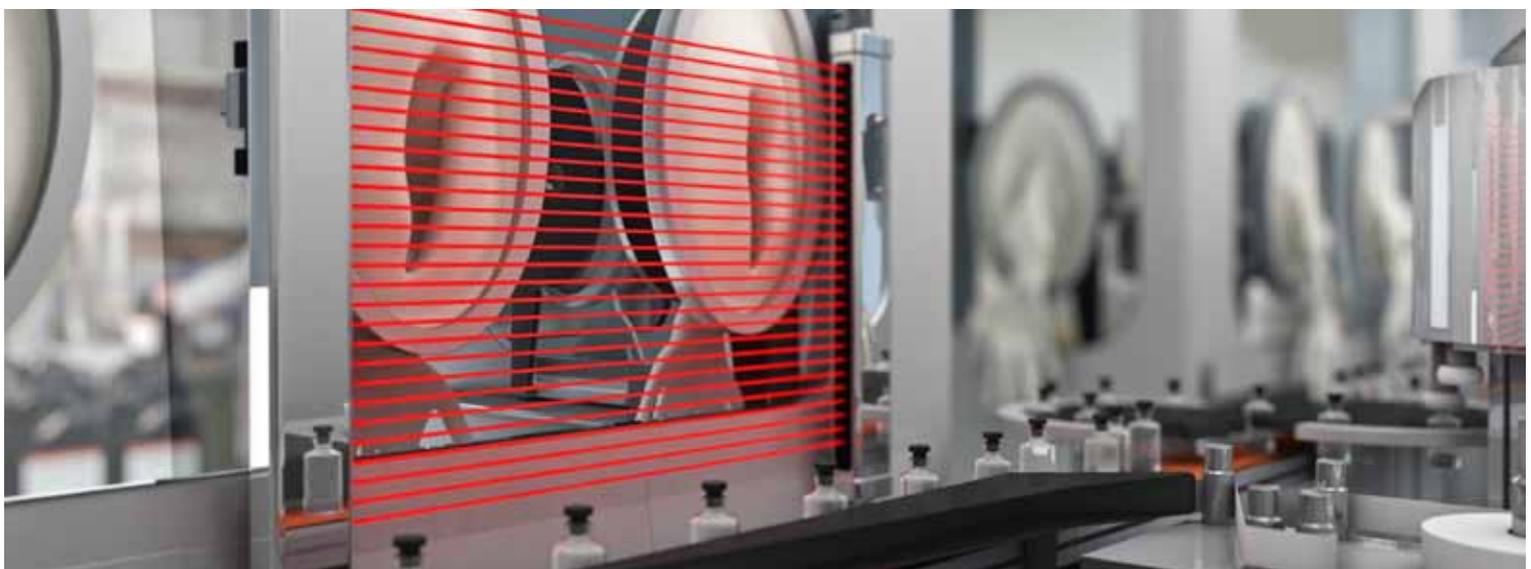
Controlled Heights
150, 300 or 450 mm

14 mm Optics Resolution for Finger
and Hand Protection

Long Operating
Distance 6 m

Mounting Shaft and
Standard M12 connector

SG4-H Safety Light Curtains with IP67 and IP69K stainless steel housing offer the highest mechanical protection, without the need of any additional accessory, for advanced applications in processing and packaging machinery for Pharmaceutical and Food & Beverage industries, where routine wash down and sterilization are vital to prevent bacterial contamination.



TECHNICAL DATA

SG4-H
[SG4-14-xxx-00-X-B]

GENERAL DATA

Type (EN61496-1)	4
PL (EN ISO 13849-1)	e
SIL (IEC 61508)	3
Resolution	14 mm
Protected height	150 / 300 / 450 mm
Operating distance	0.2 ... 6 m

ELECTRICAL DATA

Power supply (Vdd)	24 Vdc ± 20
Outputs	2 PNP, with short circuit protection
Output current	0.5 A max / each output
Capacitive load	2.2 uF @ 24Vdc max
Response time	11 / 15 / 18 ms depending on model
Cables length (for power supply)	50 m max

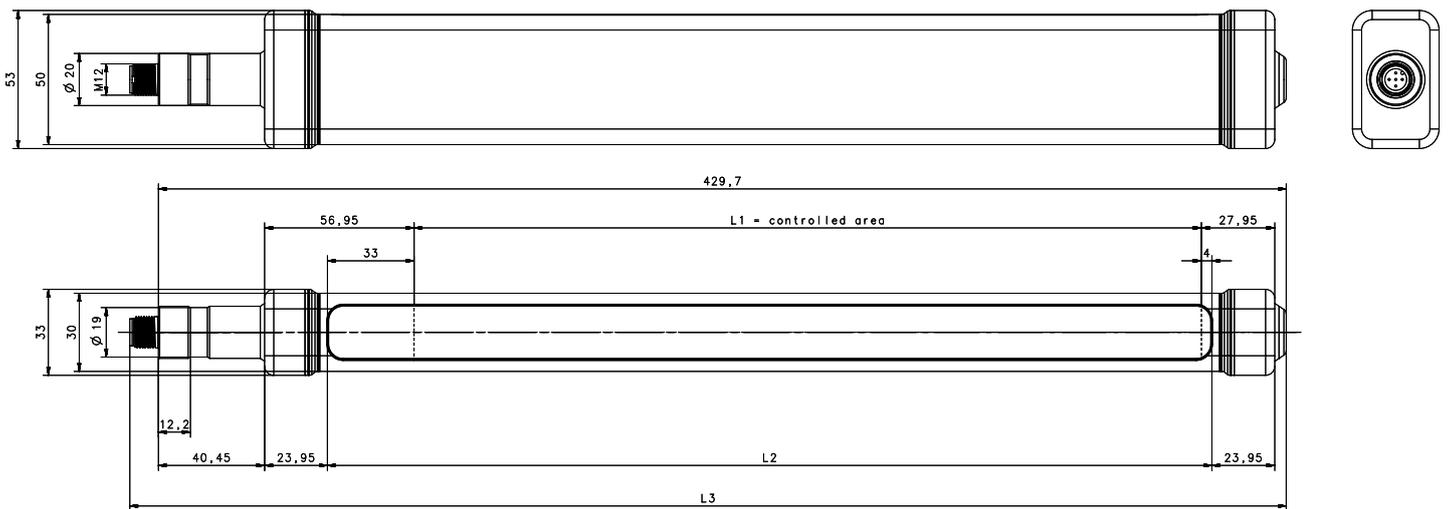
MECHANICAL AND ENVIRONMENTAL DATA

Operating temperature	-10 ... +55 °C
Humidity	15 ... 95 % (no condensation)
Mechanical protection	IP 65 / IP 69K

FUNCTIONS

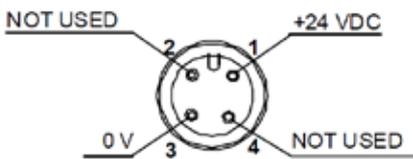
Automatic Restart

DIMENSIONS

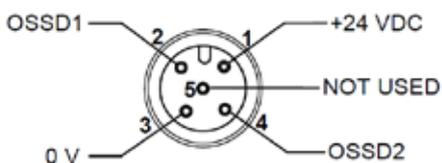


CONNECTORS

EMITTER



RECEIVER



INDICATORS

EMITTER



RECEIVER

