

## SNA/B series

CE certificate  
product details

### Characteristics:

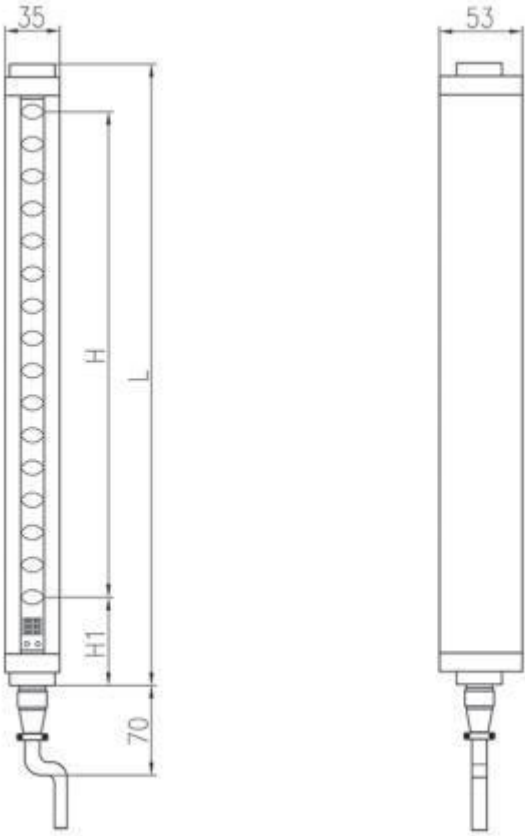
- ◆ Simple mounting and wiring, varied models for wide application
- ◆ Perfect self-checking function
- ◆ Good anti-interference to the surrounding lights and electromagnetic
- ◆ Good anti-vibration, water-proof and dust-proof performance
- ◆ Configured controllers provide double relay contacts output, NPN\*2/PNP\*2 output can be ordered
- ◆ LED indicate the running and faults states
- ◆ Provide double sides protection with S controller
- ◆ Safety monitoring PNP\*2 output, NPN\*2 output available (SNC)

### Parameters:

Protective range	A series: 0-3000mm; B series: 0-8000mm
Protective height	Light axis pitch × (beams - 1)
Light axis pitch	20mm, 40mm, 80mm
Detection capability	30mm, 50mm, 100mm

Power supply	DC12V-24V
Working current	<200mA
Loading current	<200mA
Response time	<10ms
DC	>99%
MTTFd	120a
Sealing level	IP65
Operation temp.	-10°C ~ +55°C
Humidity	20°C, RH ≤ 85%
Immunity to light	10000Lux (Angle of incidence ≥ 5°)
Anti-vibration	Frequency:10-55Hz,Amplitude:0.35mm
Impact resistance	15g, 16ms,1000times at X,Y,Z axis

**Models table:**



L:sensor height  
 H:protection height  
 H1=55mm  
 H1: distance from 1st beam to bottom cover

Note: B series size and specification is same as A series

light axis pitch 20mm				light axis pitch 40mm			light axis pitch 80mm		
Beams	Model	H	L	Model	H	L	Model	H	L
2							SNA0280	80	225
4				SNA0440	120	225	SNA0480	240	385
6	SNB0620 (Art 40551)	100	185	SNA0640	200	305	SNA0680	400	545

8	SNA0820	140	225	SNA0840	280	385	SNA0880	560	705
10	SNA1020	180	265	SNA1040	360	465	SNA1080	720	865
12	SNA1220	220	305	SNA1240	440	545	SNA1280	880	1025
14	SNA1420	260	345	SNA1440	520	625	SNA1480	1040	1185
16	SNA1620	300	385	SNA1640	600	705	SNA1680	1200	1345
18	SNA1820	340	425	SNA1840	680	785	SNA1880	1360	1505
20	SNA2020	380	465	SNA2040	760	865	SNA2080	1520	1665
22	SNA2220	420	505	SNA2240	840	945			
24	SNA2420	460	545	SNA2440	920	1025			
26	SNA2620	500	585	SNA2640	1000	1105			
28	SNA2820	540	625	SNA2840	1080	1185			
30	SNA3020	580	665	SNA3040	1160	1265			
32	SNA3220	620	705	SNA3240	1240	1345			
34	SNA3420	660	745	SNA3440	1320	1425			
36	SNA3620	700	785	SNA3640	1400	1505			
40	SNA4020	780	865	SNA4040	1560	1665			

44	SNA4420	860	945	SNA4440	1720	1825			
48	SNA4820	940	1025	SNA4840	1880	1985			
52	SNA5220	1020	1105	SNA5240	2040	2145			
56	SNA5620	1100	1185	SNA5640	2200	2305			
60	SNA6020	1180	1265	SNA6040	2360	2465			
64	SNA6420	1260	1345	SNA6440	2520	2625			
68	SNA6820	1340	1425	SNA6840	2680	2785			
72	SNA7220	1420	1505	SNA7240	2840	2945			