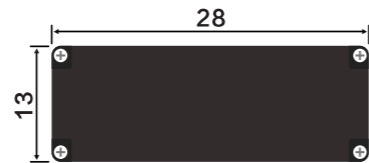
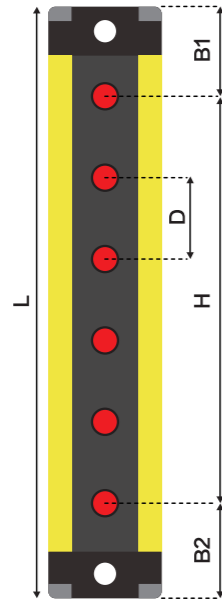


# SS4P side ultra-thin safety light curtain

## Dimensions



B1: Upper Blind Spot  
 B2: Lower Blind Spot  
 D: Optical axis spacing  
 H: grating protection height  
 L: total grating height

$B1 = 1/2 \text{ optical axis spacing} + 13\text{mm}$   
 $B2 = 1/2 \text{ optical axis spacing} + 13\text{mm}$   
 $L = \text{Number of optical axes} * \text{Optical axis spacing} + 26\text{mm}$

## Selection rules

SS 4 P - H 18 40 P - 003

Detection distance: 001=1m, 002=2m, 003=3m (1-3m)

Output mode: P=PNP output, N=NPN output

Optical axis spacing: 10, 20, 30, 40, 60mm

Number of beams: 18

Object of protection: H=hand, F=finger, A=arm, B=body

Features: C=Universal S=Reinforced W=Waterproof P=Front S=Side

Security level: Level 4, Level 2

SA-safety grating SM-measuring grating SS-ultra-thin grating

## SS4P side ultra-thin safety light curtain selection table

| Optical axis spacing | 10mm                   |      |                        | 20mm              |      |                        | 40mm              |      |                        | 60mm   |      |                        |
|----------------------|------------------------|------|------------------------|-------------------|------|------------------------|-------------------|------|------------------------|--|------|------------------------|
|                      | Number of optical axes | Mode | Protection height (mm) | total height (mm) | Mode | Protection height (mm) | total height (mm) | Mode | Protection height (mm) | total height (mm)  | Mode | Protection height (mm) |
| 4                    | SS4P-0410              | 30   | 66                     | SS4P-0420         | 60   | 106                    | SS4P-0440         | 120  | 186                    | SS4P-0460  | 180  | 266                    |
| 6                    | SS4P-0610              | 50   | 86                     | SS4P-0620         | 100  | 146                    | SS4P-0640         | 200  | 266                    | SS4P-0660  | 300  | 386                    |
| 8                    | SS4P-0810              | 70   | 106                    | SS4P-0820         | 140  | 186                    | SS4P-0840         | 280  | 346                    | SS4P-0860  | 420  | 506                    |
| 10                   | SS4P-1010              | 90   | 126                    | SS4P-1020         | 180  | 226                    | SS4P-1040         | 360  | 426                    | SS4P-1060  | 540  | 626                    |
| 12                   | SS4P-1210              | 110  | 146                    | SS4P-1220         | 220  | 266                    | SS4P-1240         | 440  | 506                    | SS4P-1260  | 660  | 746                    |
| 14                   | SS4P-1410              | 130  | 166                    | SS4P-1420         | 260  | 306                    | SS4P-1440         | 520  | 586                    | SS4P-1460  | 780  | 866                    |
| 16                   | SS4P-1610              | 150  | 186                    | SS4P-1620         | 300  | 346                    | SS4P-1640         | 600  | 666                    | SS4P-1660  | 900  | 986                    |
| 18                   | SS4P-1810              | 170  | 206                    | SS4P-1820         | 340  | 386                    | SS4P-1840         | 680  | 746                    | SS4P-1860  | 1020 | 1106                   |
| 20                   | SS4P-2010              | 190  | 226                    | SS4P-2020         | 380  | 426                    | SS4P-2040         | 760  | 826                    | SS4P-2060  | 1140 | 1226                   |
| 22                   | SS4P-2210              | 210  | 246                    | SS4P-2220         | 420  | 466                    | SS4P-2240         | 840  | 906                    | SS4P-2260  | 1260 | 1346                   |
| 24                   | SS4P-2410              | 230  | 266                    | SS4P-2420         | 460  | 506                    | SS4P-2440         | 920  | 986                    | SS4P-2460  | 1380 | 1466                   |
| 26                   | SS4P-2610              | 250  | 286                    | SS4P-2620         | 500  | 546                    | SS4P-2640         | 1000 | 1066                   | SS4P-2660  | 1500 | 1586                   |
| 28                   | SS4P-2810              | 270  | 306                    | SS4P-2820         | 540  | 586                    | SS4P-2840         | 1080 | 1146                   | SS4P-2860  | 1620 | 1706                   |
| 30                   | SS4P-3010              | 290  | 326                    | SS4P-3020         | 580  | 626                    | SS4P-3040         | 1160 | 1226                   | SS4P-3060  | 1740 | 1826                   |
| 32                   | SS4P-3210              | 310  | 346                    | SS4P-3220         | 620  | 666                    | SS4P-3240         | 1240 | 1306                   |  |      |                        |
| 34                   | SS4P-3410              | 330  | 366                    | SS4P-3420         | 660  | 706                    | SS4P-3440         | 1320 | 1386                   | 5mm  |      |                        |
| 36                   | SS4P-3610              | 350  | 386                    | SS4P-3620         | 700  | 746                    | SS4P-3640         | 1400 | 1466                   | SS4P-0805  | 35   | 78                     |
| 38                   | SS4P-3810              | 370  | 406                    | SS4P-3820         | 740  | 786                    | SS4P-3840         | 1480 | 1546                   | SS4P-1605  | 75   | 106                    |
| 40                   | SS4P-4010              | 390  | 426                    | SS4P-4020         | 780  | 826                    | SS4P-4040         | 1560 | 1626                   | SS4P-2405  | 115  | 146                    |
| 42                   | SS4P-4210              | 410  | 446                    | SS4P-4220         | 820  | 866                    | SS4P-4240         | 1640 | 1706                   | SS4P-3205  | 155  | 186                    |
| 44                   | SS4P-4410              | 430  | 466                    | SS4P-4420         | 860  | 906                    | SS4P-4440         | 1720 | 1786                   | SS4P-4005  | 195  | 226                    |
| 46                   | SS4P-4610              | 450  | 486                    | SS4P-4620         | 900  | 946                    | SS4P-4640         | 1800 | 1866                   | SS4P-4805  | 235  | 266                    |
| 48                   | SS4P-4810              | 470  | 506                    | SS4P-4820         | 940  | 986                    | SS4P-4840         | 1880 | 1946                   | SS4P-5605  | 275  | 306                    |
| 50                   | SS4P-5010              | 490  | 526                    | SS4P-5020         | 980  | 1026                   | SS4P-5040         | 1960 | 2026                   | SS4P-6405  | 315  | 346                    |
| 52                   | SS4P-5210              | 510  | 546                    | SS4P-5220         | 1020 | 1066                   |                   |      |                        | SS4P-7205  | 355  | 386                    |
| 54                   | SS4P-5410              | 530  | 566                    | SS4P-5420         | 1060 | 1106                   |                   |      |                        | SS4P-8005  | 395  | 426                    |
| 56                   | SS4P-5610              | 550  | 586                    | SS4P-5620         | 1100 | 1146                   |                   |      |                        | SS4P-8805  | 435  | 466                    |
| 58                   | SS4P-5810              | 570  | 606                    | SS4P-5820         | 1140 | 1186                   |                   |      |                        | SS4P-9605  | 475  | 506                    |
| 60                   | SS4P-6010              | 590  | 626                    | SS4P-6020         | 1180 | 1226                   |                   |      |                        | Optical axis 5mm spacing, the number of optical axes is a multiple of 8  |      |                        |
| 62                   | SS4P-6210              | 610  | 646                    | SS4P-6220         | 1220 | 1266                   |                   |      |                        | Optical axis 2mm spacing, the number of optical axes is a multiple of 64 |      |                        |
| 64                   | SS4P-6410              | 630  | 666                    | SS4P-6420         | 1260 | 1306                   |                   |      |                        |  |      |                        |
| 66                   | SS4P-6610              | 650  | 686                    | SS4P-6620         | 1300 | 1346                   |                   |      |                        |  |      |                        |
| 68                   | SS4P-6810              | 670  | 706                    | SS4P-6820         | 1340 | 1386                   |                   |      |                        |  |      |                        |
| 70                   | SS4P-7010              | 690  | 726                    | SS4P-7020         | 1380 | 1426                   |                   |      |                        |  |      |                        |
| 72                   | SS4P-7210              | 710  | 746                    | SS4P-7220         | 1420 | 1466                   |                   |      |                        |  |      |                        |

Note: The optical axis spacing of this model includes 5mm, 10mm, 20mm, 30mm, 40mm, and 60mm, which are not fully reflected in the selection table. If your choice is not included, please contact us for your selection. Except for 0805 and 0410, the total height of all products in this series = (optical axis spacing \* number of optical axes) + 26mm.