

## DATALOGIC - SG2-B 50/90

SG2-50-045-OO-X

LJUSRIDÄ L=450mm/50mm/0-19M

- Range up to 19m
- Protection height 150-1800 mm
- Type 2 (PLc SIL 2)
- Suitable for detection or personnel in a dangerous area



### PRODUCT DESCRIPTION

SG2-B 50/90 is suitable for detection of personnel in a dangerous area (i.e. horizontal detection of a person standing in a dangerous area) with a range of up to 19 metres.

This Type 2 light curtain maintains level PLc according to the latest safety standards, EN ISO 13849-1 and EN 62061.

SG2-B 50/90 has basic functionality with two OSSD (PNP) safety outputs and manual reset.

### SPECIFICATIONS

|                     |                    |
|---------------------|--------------------|
| Approvals           | CE, cULus, TÜV     |
| Cable Length Max    | 50 m               |
| Conforming To       | EMC, LVD, MD       |
| Contact Current Max | 0.5 A              |
| DC                  | 97,50 %            |
| IP Class            | IP65               |
| Material of body    | Aluminium          |
| Mttd                | 273 year           |
| Number Of Beams     | 7                  |
| PL                  | c (EN ISO 13849-1) |
| Protection height   | 450 mm             |

|                         |                  |
|-------------------------|------------------|
| Reaction time           | 10 ms            |
| Resolution              | 50 mm            |
| Scope                   | 0,2-19 m         |
| SIL                     | 1 (EN IEC 62061) |
| T1 (Life Time In Years) | 20               |
| Temperature range from  | -10 °C           |
| Temperature range to    | 55 °C            |
| Voltage Tolerance       | ±20 %            |

