

DATALOGIC - SG4-BODY COMPACT BASE

SG4-S2-050-PP-E
SG4-S2-050-PP-E 2 Beam Type 4

- Body protection (2, 3 and 4 beam), Type 4, PL e
- Range 0.5-50 m
- Protective height 500-800-900-1200 mm



PRODUCT DESCRIPTION

Datalogic safety light curtain SG4-BODY COMPACT Base is made for body detection with a range of up to 50 meters. The safety light curtain is available as type 4, and maintains highest level PL e according to the latest safety standards, EN ISO 13849-1 and EN 62061.

SG4-BODY COMPACT Base has a compact housing with basic functions as integrated manual reset /automatic reset and input for monitoring of external contactors (EDM). Configurations will be made by DIP switches.

SG4-BODY COMPACT models are provided in 2 different versions: Base and Muting.

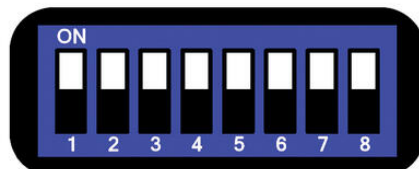
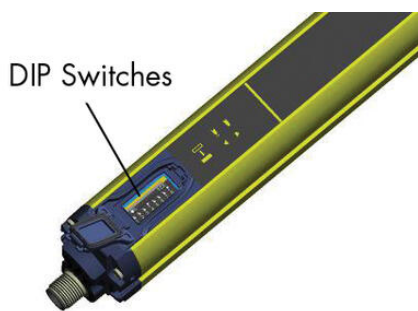
SG4-BODY COMPACT Base safety light curtain include two safe electronic short-circuit detection outputs (PNP). If potential free contacts are needed We can offer forexample Datalogic safety relay CSME. Safety light curtain supplied complete with standard bracket.

Datalogic has a 3 year warranty for safety light curtains.

SPECIFICATIONS

| | |
|----------------------------|-------------------------------|
| Approvals | CE, cULus, TÜV |
| Cable Length Max | 50 m |
| Conforming To | EMC, LVD, MD |
| Contact Current Max | 0.5 A |
| DC | 98,90% |
| Function | EDM, Manual/Automatic restart |
| IP Class | IP65 |
| Material of body | Aluminium |
| Mtffd | 384 year |
| Number Of Beams | 2 |

| | |
|--|--------------------|
| Output | 2xPNP |
| PL | e (EN ISO 13849-1) |
| Protection height | 500 mm |
| Reaction time | 14 ms |
| Sensing distance | 0,5-50 m |
| SIL | 3 (EN IEC 61508) |
| Supply voltage | 24 V DC |
| T1 (Life Time In Years) | 20 |
| Temperature range bearing, from | -25 °C |
| Temperature range bearing, to | 70 °C |
| Temperature range from | -10 °C |
| Temperature range to | 55 °C |
| Voltage Tolerance | ±20 % |



| dip-sw | Function | ON | OFF |
|--------|----------|-------------|-----------|
| 1,5 | - | - | - |
| 2,6 | - | - | - |
| 3,7 | EDM | Deactivated | Activated |
| 4,8 | Reset | Automatic | Manual |

