

## DATALOGIC - SG4-BODY COMPACT BASE

SG4-S3-080-PP-X

Sg Body Compact 3-beam/Auto Reset

- 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

<b>Approvals</b>	CE, cULus, TÜV
<b>Cable Length Max</b>	50 m
<b>Conforming To</b>	EMC, LVD, MD
<b>Contact Current Max</b>	0.5 A
<b>DC</b>	98,90%
<b>Function</b>	Only 2xOSSD safety outputs, Automatic restart
<b>IP Class</b>	IP65
<b>Material of body</b>	Aluminium
<b>Mttfd</b>	384 year
<b>Number Of Beams</b>	3

<b>PL</b>	e (EN ISO 13849-1)
<b>Protection height</b>	800 mm
<b>Reaction time</b>	14 ms
<b>Resolution</b>	415 mm
<b>Sensing distance</b>	0,5-50 m
<b>SIL</b>	3 (EN IEC 61508)
<b>Supply voltage</b>	24 V DC
<b>T1 (Life Time In Years)</b>	20
<b>Temperature range bearing, from</b>	-25 °C
<b>Temperature range bearing, to</b>	70 °C
<b>Temperature range from</b>	-10 °C
<b>Temperature range to</b>	55 °C
<b>Voltage Tolerance</b>	±20 %

