

DATALOGIC - SG4-BODY COMPACT BASE

SG4-S2-050-PP-X
Sg Body Compact 2-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.

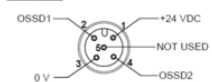
Datalogic has a 3 year warranty for safety light curtains.

SPECIFICATIONS

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

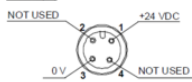
PL	e (EN ISO 13849-1)
Protection height	500 mm
Reaction time	14 ms
Sensing distance	0,5-50 m
SIL	3 (EN IEC 61508)
Supply voltage	24 V DC
T1 (Life Time In Years)	20
Temperature range bearing, from	-25 °C
Temperature range bearing, to	70 °C
Temperature range from	-10 °C
Temperature range to	55 °C
Voltage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

RECEIVER (90)



- 1 = brown = +24VDC
- 2 = white = OSSD 1
- 3 = blue = 0V
- 4 = black = OSSD 2
- 5 = grey = NOT USED

EMITTER (00)



- 1 = brown = +24 VDC
- 2 = white = NOT USED
- 3 = blue = 0V
- 4 = black = NOT USED



MODEL	L1 (mm)	L1 (mm)	L2 (mm)
SS 30 000	817	884	139.4
SS 30 000	817	884	139.4
SS 30 000	817	884	139.4
SS 30 100	1017	1084	139.4
SS 30 100	1017	1084	139.4



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