

DATALOGIC - SG4-BODY COMPACT BASE

SG4-S4-090-PP-X
 957851620 Type 4 Body Det 4-Beam 900mm Protection Height

- 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 foreexample Datalogic safety relay CSME. Safety light curtain supplied complete with standard bracket.

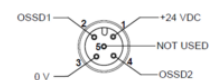
Datalogic has a 3 year warranty for safety light curtains.

TECHNICAL DATA

Approvals	CE, cULus, TÜV
Cable connection receiver	M12, 4-pole
Cable connection transmitter	M12, 4-pole
Cable length max	50 m
Contact current max	0.5 A
DC	98,90%
Function	Automatic restart
In compliance with	EMC, LVD, MD
IP class	IP65
Material of body	Aluminium

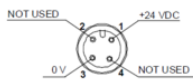
MTTFd	384 year(s)
Number of beams	4
PL	e (EN ISO 13849-1)
Power consumption	Transmitter max 0,9 W. Receiver 2,2 W (without load)
Protection height	900 mm
Reaction time	16 ms
Safe outputs	2 OSSD
Sensing distance	0,5-50 m
SFF	99,38%
SIL	3 (EN IEC 61508)
Storage temperature max	70 °C
Storage temperature min	-25 °C
Supply voltage	24 V DC
T1 (Life time in years)	20
Temperature operational max	55 °C
Temperature operational min	-10 °C
Type	4
Voltage tolerance	±20 %

RECEIVER (R0)



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

EMITTER (E0)



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



MSL	3x 24V	1x 24V	1x 24V
30 34 100	817	860	100,4
30 34 101	817	860	100,4
30 34 102	817	1000	100,4



MSL	3x 24V	1x 24V	1x 24V
30 34 100	817	860	100,4
30 34 101	817	860	100,4
30 34 102	817	1000	100,4