

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.

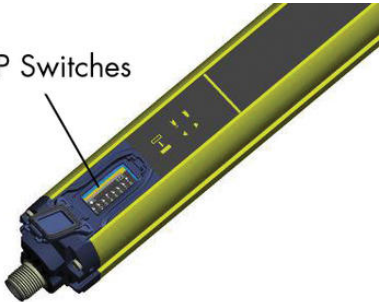
SG4-BODY COMPACT Base safety light curtain include two safe electronic short-circuit detection outputs (PNP). If potential free contacts are needed We can offer forexample Datalogic safety relay CSME. Safety light curtain supplied complete with standard bracket.

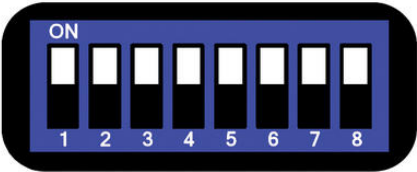
Datalogic has a 3 year warranty for safety light curtains.

TECHNICAL DATA

Additional features	EDM, reset functions
Approvals	CE, cULus, TÜV
Cable connection receiver	M12, 8-pole
Cable connection transmitter	M12, 5-pole
Cable length max	50 m
Contact current max	0,5 A
Distance max	50 m
Function	EDM, Manual/automatic restart
In compliance with	EMC, LVD, MD
IP class	IP65

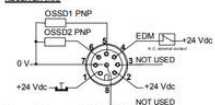
Material of body	Aluminium
Number of beams	2
Output	2xPNP
PL	e (EN ISO 13849-1)
Power consumption	Transmitter 1,6W. Receiver 4,2 W. (without load)
Protection height	500 mm
Range	0,5-50 m
Safe outputs	2 OSSD
SFF	0.98929999999999996
SIL	3 (EN IEC 61508)
Supply voltage	24 V DC, stabilized
Supply voltage	24 V DC
Temperature operational max	55 °C
Temperature operational min	-10 °C
Type	4
Voltage tolerance	±20 %





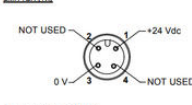
dip-sw	Function	ON	OFF
1,5	-	-	-
2,6	-	-	-
3,7	EDM	Deactivated	Activated
4,8	Reset	Automatic	Manual

RECEIVER (RX)




1 = white = TEST/START
2 = brown = +24 Vdc
3 = green = NOT USED
4 = yellow = EDM
5 = grey = OSSD1
6 = pink = OSSD2
7 = blue = 0 V
8 = red = NOT USED

EMITTER (TX)



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



MODEL	1x 5002	1x 5002	1x 5002
10 34 100	107	800	1000.0
10 34 150	107	800	1500.0
10 34 200	107	800	2000.0
10 34 120	107	1000	1200.0