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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.

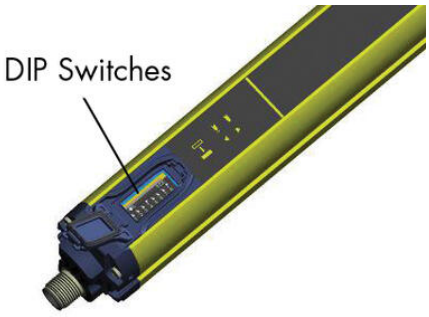
SG4-BODY COMPACT Base safety light curtain include two safe electronic short-circuit detection outputs (PNP). If potential free contacts are needed We can offer forexample Datalogic safety relay CSME. Safety light curtain supplied complete with standard bracket.

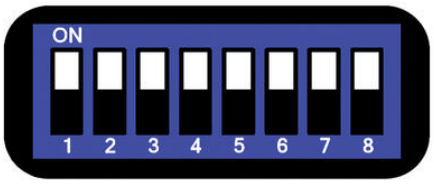
Datalogic has a 3 year warranty for safety light curtains.

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
DC	98,90%
Function	EDM, Manual/automatic restart
In compliance with	EMC, LVD, MD
IP class	IP65

Material of body	Aluminium
MTTFd	384 year(s)
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
Reaction time	14 ms
Safe outputs	2 OSSD
Sensing distance	0,5-50 m
SFF	0.98929999999999996
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 %





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

