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DATALOGIC - SG4-BODY COMPACT BASE

SG4-S3-080-PP-E
SG4-S3-080-PP-E 3 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.

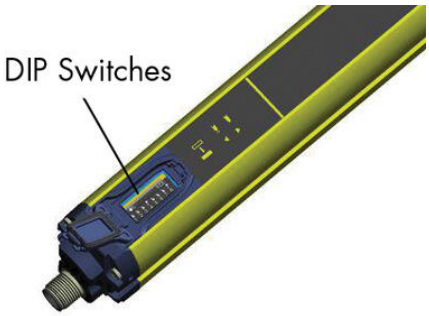
Datalogic has a 3 year warranty for safety light curtains.

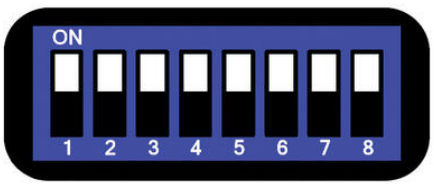
TECHNICAL DATA

Supply voltage	24 V DC
Output	2xPNP
Function	EDM, Manual/automatic restart
IP class	IP65
Reaction time	14 ms
Material of body	Aluminium
Temperature operational max	55 °C
Temperature operational min	-10 °C
Storage temperature max	70 °C
Storage temperature min	-25 °C

Approvals	CE, cULus, TÜV
Sensing distance	0,5-50 m

Protection height	800 mm
Power consumption	Transmitter 1,6W. Receiver 4,2 W. (without load)
PL	e (EN ISO 13849-1)
SFF	98,93 %
SIL	3 (EN IEC 61508)
Voltage tolerance	±20 %
Safe outputs	2 OSSD
T1 (Life time in years)	20
Type	4
Cable connection receiver	M12, 8-pole
Cable connection transmitter	M12, 5-pole
Cable length max	50 m
In compliance with	EMC, LVD, MD
Contact current max	0.5 A
DC	98,90%
Additional features	EDM, reset functions
MTTFd	384 year(s)
Number of beams	3





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

