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DATALOGIC - SG4-BODY BIG REFLECTOR BASE

SG4-RB2T-050-OO-W



- Body protection (2, 3 and 4 beam), Type 4, PL e
- Passive mirror, range up to 8 m
- Protective height 500-800-900-1200 mm

PRODUCT DESCRIPTION

Datalogic SG4-BODY BIG Reflector Base is ideal body protection for shorter distances. Reflector models is made by an active unit and a complete passive unit, with integrated moulded plastic mirrors, reaching up to 8 m, available in 2, 3 and 4 beams with 500, 800, 900 and 1200mm controlled height. REFLECTOR models are provided in 2 different versions: Base and Muting.

New robust housing and new design of optical-electronic platform ensures the best performance. In addition total absence of "dead zone", 7-segment displays, alignement aid function and 3 different types of brackets (swivelling side, top-bottom rotating and rear) complete the product and make it the ideal and most performing solution for all the industrial application.

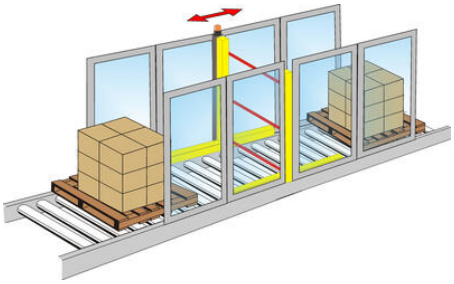
The safety light curtain is available as type 4, and maintains the highest safety level PL e according to the latest safety standards, EN ISO 13849-1 and EN 62061. SG4-BODY BIG Reflector Bas has integrated manual reset /automatic reset and input for monitoring of external contactors (EDM). The safety light curtain has two safe electronic short-circuit detection outputs (PNP). If potential free contacts are needed we can offer for example Datalogic safety relay CSME.

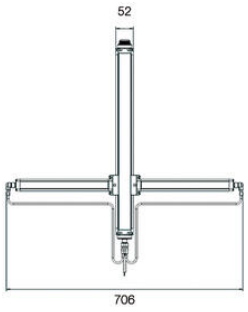
Datalogic has a 3 year warranty for safety light curtains.

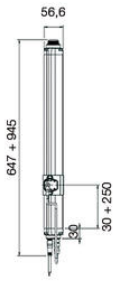
TECHNICAL DATA

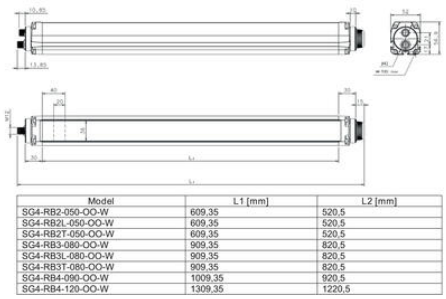
Typical of light	IR (950 nm)
IP class	IP65
Material of body	Aluminium
Temperature operational max	55 °C
Temperature operational min	-10 °C
Storage temperature max	70 °C
Storage temperature min	-25 °C
Approvals	CE, cULus, TÜV
Range	0,5-8 m

Power consumption	6,5 W (without load)
Supply voltage	24 V DC, stabilized
PL	e (EN ISO 13849-1)
SFF	97,50%
SIL	3 (EN IEC 62061)
Protection field	500 mm
Voltage tolerance	±20 %
Safe outputs	2 OSSD
T1 (Life time in years)	20
Cable connection	M12 12-pole + Muting M12 5-pole
Cable length max	70 m
In compliance with	EMC, LVD, MD
Contact current max	0.5 A
DC	99 %
Disconnection	11 ms
Additional features	Muting(+) functions, Override, EDM, reset (automatic/manual)
MTTFd	463 year(s)
Number of beams	2









Model	L1 [mm]	L2 [mm]
SG4-RB2-050-OO-W	609,35	520,5
SG4-RB2L-050-OO-W	609,35	520,5
SG4-RB2T-050-OO-W	609,35	520,5
SG4-RB3-080-OO-W	909,35	820,5
SG4-RB3L-080-OO-W	909,35	820,5
SG4-RB3T-080-OO-W	909,35	820,5
SG4-RB4-090-OO-W	1009,35	920,5
SG4-RB4-120-OO-W	1309,35	1220,5