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DATALOGIC - LIGHT CURTAINS SG BODY BIG

SG4-40-120-OO-E
957851590 Type 4 40mm Res 1200mmProtection Height LONG RANGE



- Range up to 60m
- Resolution 40 mm
- Type 4 according to EN 61496-1
- Robust 52 x 56mm Profile

PRODUCT DESCRIPTION

SG4-Body Big is a safety light curtain with a rubust profile and a range of up to 60 metres.

This Type 4 light curtain maintains the highest safety level according to the latest safety standards EN ISO 13849-1 and EN 62061.

SG4-Body Big light curtain has built-in monitored reset, an input for monitoring of external contactors and two solid state safety outputs which are also electronically monitored.

This means that the SG4- Body Big can work as a "standalone" unit if required and is not in need of any special control unit.

TECHNICAL DATA

IP class	IP65
Reaction time	27 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
Range	6-60 m

Power consumption	Transmitter 2,5 W, receiver 4 W (without load)
Supply voltage	24 V DC, stabilized

PL	e (EN ISO 13849-1)
SFF	98,90 %
SIL	3 (EN IEC 62061)
Protection field	1260 mm
Voltage tolerance	±20 %
Safe outputs	2 x OSSD
T1 (Life time in years)	20
Cable connection receiver	M12, 8-pole, shielded
Cable connection transmitter	M12, 5-pole, shielded
Cable length max	70 m
In compliance with	EMC, LVD, MD
Contact current max	0.5 A
DC	99 %
Additional features	EDM + reset
MTTFd	98 year(s)
Number of beams	63

