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DATALOGIC - LIGHT CURTAINS SG BODY BIG

SG4-40-060-OO-E
957851570 Type 4 40mm Res 600mm Protection 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

Additional features	EDM + reset
Approvals	CE, cULus, TÜV
Cable connection receiver	M12, 8-pole, shielded
Cable connection transmitter	M12, 5-pole, shielded
Cable length max	70 m
Contact current max	0.5 A
DC	99 %
In compliance with	EMC, LVD, MD
IP class	IP65
Material of body	Aluminium
MTTFd	98 year(s)

Number of beams	33
PL	e (EN ISO 13849-1)
Power consumption	Transmitter 2,5 W, receiver 4 W (without load)
Protection field	660 mm
Range	6-60 m
Reaction time	21 ms
Safe outputs	2 x OSSD
SFF	98,90 %
SIL	3 (EN IEC 62061)
Storage temperature max	70 °C
Storage temperature min	-25 °C
Supply voltage	24 V DC, stabilized
T1 (Life time in years)	20
Temperature operational max	55 °C
Temperature operational min	-10 °C
Voltage tolerance	±20 %

