

## DATALOGIC - LIGHT CURTAINS SG BODY BIG

SG4-40-090-OO-E  
957851580 Type 4 40mm Res 900mm 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 robust 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

<b>Additional features</b>	EDM + reset
<b>Approvals</b>	CE, cULus, TÜV
<b>Cable connection receiver</b>	M12, 8-pole, shielded
<b>Cable connection transmitter</b>	M12, 5-pole, shielded
<b>Cable length max</b>	70 m
<b>Contact current max</b>	0.5 A
<b>DC</b>	99 %
<b>Disconnection</b>	24 ms
<b>In compliance with</b>	EMC, LVD, MD
<b>IP class</b>	IP65
<b>Material of body</b>	Aluminium

<b>MTTFd</b>	98 year(s)
<b>Number of beams</b>	48
<b>PL</b>	e (EN ISO 13849-1)
<b>Power consumption</b>	Transmitter 2,5 W, receiver 4 W (without load)
<b>Protection field</b>	960 mm
<b>Range</b>	6-60 m
<b>Resolution</b>	40 mm
<b>Safe outputs</b>	2 x OSSD
<b>SFF</b>	98,90 %
<b>SIL</b>	3 (EN IEC 62061)
<b>Storage temperature max</b>	70 °C
<b>Storage temperature min</b>	-25 °C
<b>Supply voltage</b>	24 V DC, stabilized
<b>T1 (Life time in years)</b>	20
<b>Temperature operational max</b>	55 °C
<b>Temperature operational min</b>	-10 °C
<b>Voltage tolerance</b>	±20 %

