

## DATALOGIC - LIGHT CURTAINS SG4-EXTENDED-HAND

SG4-30-030-OO-P

Lightcurtain L=300mm/30mm/0-20M/type 4

- Range up to 20m
- Protection height 150-1800 mm
- Type 4 (PLe SIL 3)
- No dead zones (full active face)
- Programmable functionality with built in muting, blanking, override etc.



### PRODUCT DESCRIPTION

SG4-Extended(Hand) is a safety light curtain with a range of up to 20 metres and has extra functionality including muting and blanking programmable by push button or PC.

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

SG4-Extended 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-Extended can work as a "standalone" unit if required and is not in need of any special control unit.

### TECHNICAL DATA

<b>Additional features</b>	Muting, override, blanking, EDM, reset, cascade
<b>Approvals</b>	CE, cULus, TÜV
<b>Cable connection receiver</b>	M12, 12-pole for blanking; M12, 12-pole + M12, 5-pole for muting
<b>Cable connection transmitter</b>	M12, 5-pole
<b>Cable length max</b>	50 m
<b>Contact current max</b>	0,5 A
<b>DC</b>	99 %
<b>Function</b>	Manual/automatic restart, EDM, Override, Muting, Blanking
<b>In compliance with</b>	EMC, LVD, MD
<b>IP class</b>	IP65
<b>Material of body</b>	Aluminium

<b>MTTFd</b>	444 year(s)
<b>Number of beams</b>	16
<b>PL</b>	e (EN ISO 13849-1)
<b>Power consumption</b>	Transmitter max 3 W . Receiver 5 W (without load)
<b>Protection height</b>	300 mm
<b>Range</b>	0,2-20 m
<b>Reaction time</b>	13 ms
<b>Resolution</b>	30 mm
<b>Safe outputs</b>	2 OSSD
<b>SIL</b>	3 (EN IEC 62061)
<b>Supply voltage</b>	24 V DC, stabilized
<b>Supply voltage</b>	24 V DC
<b>T1 (Life time in years)</b>	20
<b>Temperature operational max</b>	50 °C
<b>Temperature operational min</b>	0 °C
<b>Type</b>	4
<b>Voltage tolerance</b>	±20 %

