

## DATALOGIC - SG4-HAND

SG4-30-120-OO-E

SG4-30-120-OO-E 30mm Res Type

- Range up to 19 m
- Protection height 150-1800 mm
- Type 4 (PLe SIL 3)
- Compact profile



### PRODUCT DESCRIPTION

SG4-Hand is a safety light curtain with a range of up to 19 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-Hand 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-Hand 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 (automatic/manual), test input
<b>Approvals</b>	CE, cULus, TÜV
<b>Cable connection receiver</b>	M12, 8-pole
<b>Cable connection transmitter</b>	M12, 4-pole
<b>Cable length max</b>	50 m
<b>Contact current max</b>	0.5 A
<b>DC</b>	99 %
<b>In compliance with</b>	EMC, LVD, MD
<b>IP class</b>	IP65
<b>LED indication</b>	6 x LED, 7-segment (SSD) display
<b>Material of body</b>	Aluminium

<b>MTTFd</b>	444 year(s)
<b>Number of beams</b>	64
<b>PL</b>	e (EN ISO 13849-1)
<b>Power consumption</b>	Transmitter max 2,5 W. Receiver 3,5 W (without load)
<b>Protection height</b>	1200 mm
<b>Range</b>	0,2-19 m
<b>Reaction time</b>	21 ms
<b>Resolution</b>	30 mm
<b>Safe outputs</b>	2 OSSD
<b>SFF</b>	99,30 %
<b>SIL</b>	3 (EN IEC 62061)
<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>	0 °C
<b>Type</b>	Finger and hand protection
<b>Voltage tolerance</b>	±20 %

