

## DATALOGIC - SG2-E 50/90 PRESENCE

SG2-50-030-OO-E-C  
LIGHTCURTAIN L=300mm/50mm/0-19M

- Range up to 19m
- Protection height 300-1800 mm
- Type 2 (PLc SIL 2)
- Suitable for detection or personnel in a dangerous area
- Anti-interference function



### PRODUCT DESCRIPTION

Datalogic safety light curtain SG2-E Presence is made for presence control of human body with a range of up to 19 metres. The safety light curtain is available as type 2, and maintains level PL d according to the latest safety standards, EN ISO 13849-1 and EN 62061.. SG2-E Presence is a extended version from SG2-B and it has integrated manual reset /automatic reset and input for monitoring of external contactors (EDM). SG2-E Presence include also an Anti-Interference function. The Anti-Interference system consents the installation of different light curtains aligned one next to the other avoiding mutual optical interference by choosing a shorter operating distance (9m instead of 19m), without the need to install separating shields.

The safety light curtain has two safe electronic short-circuit detection outputs (PNP). If potential free contacts are needed we can offer for example Datalogic safety relay CSME. Safety light curtain supplied complete with brackets.

Datalogic has a 3 year warranty for safety light curtains.

### SPECIFICATIONS

<b>Approvals</b>	CE, cULus, TÜV
<b>Cable Length Max</b>	50 m
<b>Conforming To</b>	EMC, LVD, MD
<b>Contact Current Max</b>	0,5 A
<b>DC</b>	97,50 %
<b>Function</b>	EDM, Manual/Automatic restart
<b>IP Class</b>	IP65
<b>Material of body</b>	Aluminium
<b>Mtffd</b>	273 year
<b>Number Of Beams</b>	9

<b>PL</b>	d (EN ISO 13849-1)
<b>Protection height</b>	300 mm
<b>Reaction time</b>	9 ms
<b>Resolution</b>	50 mm
<b>Scope</b>	0,2-19 m
<b>SIL</b>	2 (EN IEC 61508)
<b>T1 (Life Time In Years)</b>	20
<b>Temperature range from</b>	0 °C
<b>Temperature range to</b>	55 °C
<b>Voltage Tolerance</b>	±20 %

