DATASENSING easing automation challenges

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

Function	EDM, Manual/Automatic restart
IP Class	IP65
Reaction time	9 ms
Material of body	Aluminium
Temperature range to	55 °C
Temperature range from	0 °C
Approvals	CE, cULus, TÜV
Scope	0,2-19 m

Protection height	300 mm

PL	c (EN ISO 13849-1)
SIL	1 (EN IEC 61508)
Voltage Tolerance	±20 %
T1 (Life Time In Years)	20
Cable Length Max	50 m
Conforming To	EMC, LVD, MD
Contact Current Max	0.5 A
DC	97,50 %
Mttfd	273 year
Number Of Beams	9

