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DATALOGIC - SG2-B 50/90

SG2-50-165-OO-X
957801210 Type 2 50mm Res 1650mm Protection Height



- Range up to 19m
- Protection height 150-1800 mm
- Type 2 (PLc SIL 2)
- Suitable for detection or personnel in a dangerous area

PRODUCT DESCRIPTION

SG2-B 50/90 is suitable for detection of personnel in a dangerous area (Ie. horizontal detection of a person standing in a dangerous area) with a range of up to 19 metres.

This Type 2 light curtain maintains level PLc according to the latest safety standards, EN ISO 13849-1 and EN 62061.

SG2-B 50/90 has basic functionality with two OSSD (PNP) safety outputs and manual reset.

TECHNICAL DATA

IP class	IP65
Reaction time	19 ms
LED indication	6 x LED
Material of body	Aluminium
Temperature operational max	55 °C
Temperature operational min	-10 °C
Approvals	CE, cULus, TÜV
Range	0,2-19 m

Protection height	1650 mm
Power consumption	Transmitter 2W, receiver 3,5W (without load)
Supply voltage	24 V DC, stabilized

PL	c (EN ISO 13849-1)
SIL	1 (EN IEC 62061)
Voltage tolerance	±20 %
Safe outputs	2 x OSSD
T1 (Life time in years)	20
Type	2
Cable connection receiver	M12, 5-pole
Cable connection transmitter	M12, 4-pole
Cable length max	50 m
In compliance with	EMC, LVD, MD
Contact current max	0.5 A
DC	97,50 %
Additional features	Reset, test
MTTFd	273 year(s)
Number of beams	45











