

Data sheet

Commercial Art.No.: R1.610.0450.0

light curtain SLC4-B14-0450

Safety Light Curtain Base, Transmitter + Receiver, Type 4, PL e, Resolution 14 mm (Finger Protection), Protective Field Height 450 mm, Supply Voltage 24 V, Connector M12, Transmitter 5-poles, Receiver 5-poles, Mounting L-Bracket Set included



certificates / approvals



Technical data

function

sensor element	Transmitter and receiver
with muting function	no
with muting display	no
with beam coding	no
automatic start	yes
restart interlock	no
alignment aid	no
blanking	no
cascadable	yes

technical data

type acc. EN 61496-1	4
resolution	14 mm
protective field height	450 mm
distance	0,2 - 10 m
connection	connector M12
nominal voltage	24 V
voltage type	DC
number of OSSD outputs	2
max. output current	250 mA
degree of protection (IP)	IP65/IP67
mission time TM	20 a
ambient temperature min.	-30 °C
ambient temperature max.	55 °C
housing material	aluminum

safety parameters

category (ISO 13849-1)	4
PL (ISO 13849-1)	Level e
SIL _{CL} (IEC 62061)	3

PFH _d (High demand mode)	2.62 E-8 1/h
HFT	1
SSF	100 %
DC	99 %
MTTF _d	43 a
T _M	20 a

classification

ECLASS 11	
ECLASS 8.1	27270910
ETIM 9.0	EC002549
ETIM 8.0	EC002549
ETIM 7.0	EC002549
ETIM 6.0	EC002549
ETIM 5.0	EC002549
ETIM 4.0	EC002549
ETIM 3.0	EC002549