

## Data sheet

Commercial Art.No.: R1.620.0500.0

light grid SLG4-B2-0500

Safety Light Grid Base, Transmitter + Receiver, Type 4, PL e, 2 Beam System (Body Protection), Protective Field Height 500 mm, Supply Voltage 24 V, Male Connector M12, Transmitter 5-poles, Receiver 5-poles, MountingL-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
blinking	no
cascadable	yes

### technical data

type acc. EN 61496-1	4
protective field height	500 mm
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
weight	1.4 kg

### safety parameters

category (ISO 13849-1)	4
PL (ISO 13849-1)	level e
SIL <sub>CL</sub> (IEC 62061)	3
PFH <sub>d</sub> (High demand mode)	2.62 E-8 1/h

HFT	1
SSF	99.5 %
DC	99 %
MTTF <sub>d</sub>	43 a
T <sub>M</sub>	20 a

**classification**

ECLASS 11	
ECLASS 8.1	27270910
ETIM 9.0	EC002549
ETIM 8.0	EC002549