

Data sheet

Commercial Art.No.: R1.620.1200.0

light grid SLG4-B4-1200

Safety Light Grid Base, Transmitter + Receiver, Type 4, PL e, 4 Beam System (Body Protection), Protective Field Height 1200 mm, Supply Voltage 24 V, Male Connector M12, Transmitter 5-poles, Receiver 5-poles, Mounting L-Bracket Set included



Commercial Art.No.	R1.620.1200.0
EAN	4049088680311
Order Unit	1

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	1200 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
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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	99.5 %
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

product compliance

REACH-SVHC conformity status	compliant
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Accessories

Commercial Art.No.:	Article-type description:	Description:
R1.690.0005.0	Mounting bracket SLX4-MO-RB	Rotative Bracket Set, 4 pcs
R1.690.0040.0	mounting part SLX4-MO-AVK	Shock absorber for Mounting L-Bracket Set, 4 pcs
R1.690.0041.0	mounting part SLX4-MO-LB	Mounting L-Bracket Set, 4 pcs
R1.690.0001.0	external laser-align-fixture SLX-AC-LP	Laser alignment aid (external), battery-powered
R1.690.0014.0	connector plug SLX4-AC-RP-5	Replacement Plug for Transmitter and Receiver Safety Light Curtain/ Safety Light Grid Base, Connector M12 5-poles

SLC4 - Standard BASE

Schutz- hoehe / Protected height (mm)	Laenge / length (mm)	Auflösung / resolution 14 mm	Auflösung / resolution 30 mm	M12 Anschluss poles (Receiver & Emitter)
300	309	R1.610.0300.0	R1.612.0300.0	5-pole Stecker
450	459	R1.610.0450.0	R1.612.0450.0	
600	609	R1.610.0600.0	R1.612.0600.0	
750	759	R1.610.0750.0	R1.612.0750.0	
900	909	R1.610.0900.0	R1.612.0900.0	
1050	1059	R1.610.1050.0	R1.612.1050.0	
1200	1209	R1.610.1200.0	R1.612.1200.0	
1350	1359	R1.610.1350.0	R1.612.1350.0	
1500	1509	R1.610.1500.0	R1.612.1500.0	
1650	1659	R1.610.1650.0	R1.612.1650.0	
1800	1809	R1.610.1800.0	R1.612.1800.0	
1950	1959	R1.610.1950.0	R1.612.1950.0	
2100	2109	R1.610.2100.0	R1.612.2100.0	

SLC4-SM - Standard MUTING

Schutz- hoehe / Protected height (mm)	Laenge / length (mm)	Auflösung / resolution 14 mm	Auflösung / resolution 30 mm	M12 Anschluss poles (Receiver & Emitter)
300	309	R1.611.0300.0	R1.613.0300.0	Emitter 5-pole / 5-pole Stecker & Receiver 8-pole Stecker / 5-pole Buchse
450	459	R1.611.0450.0	R1.613.0450.0	
600	609	R1.611.0600.0	R1.613.0600.0	
750	759	R1.611.0750.0	R1.613.0750.0	
900	909	R1.611.0900.0	R1.613.0900.0	
1050	1059	R1.611.1050.0	R1.613.1050.0	
1200	1209	R1.611.1200.0	R1.613.1200.0	
1350	1359	R1.611.1350.0	R1.613.1350.0	
1500	1509	R1.611.1500.0	R1.613.1500.0	
1650	1659	R1.611.1650.0	R1.613.1650.0	
1800	1809	R1.611.1800.0	R1.613.1800.0	
1950	1959	R1.611.1950.0	R1.613.1950.0	
2100	2109	R1.611.2100.0	R1.613.2100.0	

SLG4 - Standard BASE

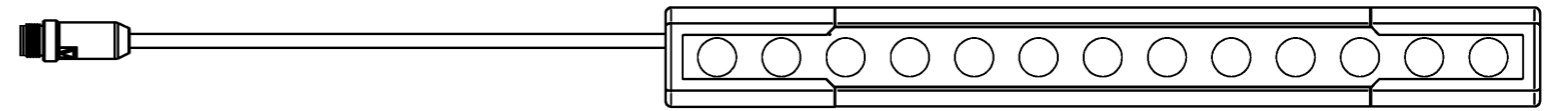
Schutz- hoehe / Protected height (mm)	Laenge / length (mm)	Auflösung / resolution 300 mm	M12 Anschluss poles (Receiver & Emitter)
500	674	R1.620.0500.0	5-pole Stecker
800	974	R1.620.0800.0	
900	1074	R1.620.0900.0	
1200	1374	R1.620.1200.0	

SLG4-SM - Standard MUTING

Schutz- hoehe / Protected height (mm)	Laenge / length (mm)	Auflösung / resolution 300 mm	M12 Anschluss poles (Receiver & Emitter)
500	674	R1.621.0500.0	Emitter 5-pole / 5-pole Stecker & Receiver 8-pole Stecker / 5-pole Buchse
800	974	R1.621.0800.0	
900	1074	R1.621.0900.0	
1200	1374	R1.621.1200.0	

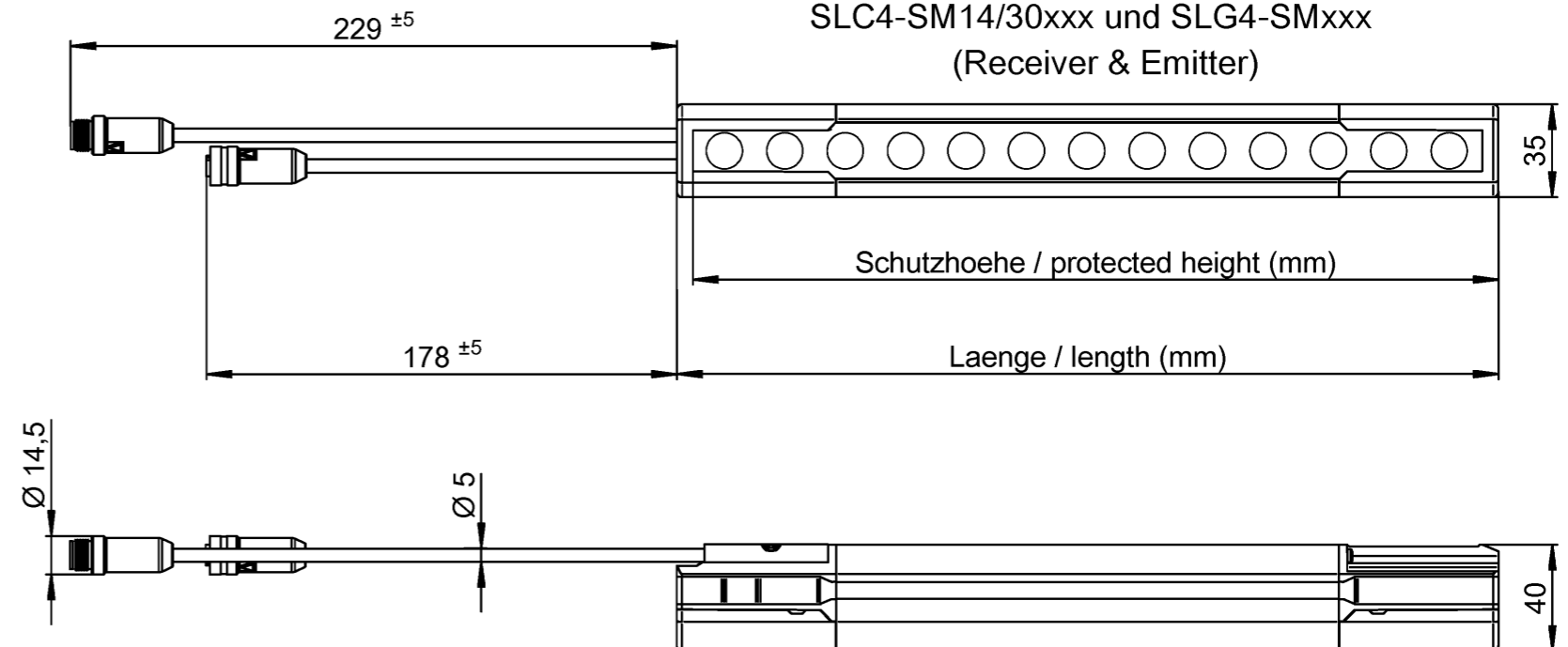
SLC4/SLG4 - Standard BASE

SLC4-B14/30xxx und SLG4-xxx
(Receiver & Emitter)



SLC4-SM/SLG4-SM - Standard MUTING

SLC4-SM14/30xxx und SLG4-SMxxx
(Receiver & Emitter)



01-QU-RD-31/21

Weitere Angaben siehe KATALOG oder eKatalog. Additional data see CATALOG or eCatalog.		www.wieland-electric.com eshop.wieland-electric.com	
ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!			
Freitoleranz nach General tolerance	CAD-Zeichnung, keine manuellen Änderungen CAD drawing, no manual modifications allowed	1. Verwendung: First Use:	Blatt: Sheet:
	Werkstoff / Material	2023 Tag/Date gezeichnet drawn	Name Koetzner
	Maßstab/Scale	Elektronische Freigabe Electronic Release	
	Maße in mm / Dimensions are in mm	Zeichnung Nr. / Drawing No. T R1.610.0300.0 01K	
	Datei / File: 48321_01K.DCD	Ersatz für / Replacement for:	
	wieland	Type	Benennung / Title Teilespezifikation / Component specification Lichtvorhang SLC4 / Lichtgitter SLG4 / light curtain SLC4 / light grid SLG4
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Änderung / Revision			

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