

Data sheet

Commercial Art.No.: R1.574.0450.0

light curtain SLC-4PR40-0450

Safety-Lightcurtain Type 4, Receiver-Professional, Resolution 40 mm, L = 450 mm



Commercial Art.No.	R1.574.0450.0
EAN	4049088398193
Order Unit	1

certificates / approvals



Technical data

function

sensor element	
with muting function	yes
with muting display	no
with beam coding	yes
automatic start	yes
restart interlock	yes
alignment aid	yes
blinking	yes
cascadable	no

technical data

type acc. EN 61496-1	4
resolution	40 mm
protective field height	450 mm
distance	0 - 20 m
connection	connector M12
nominal voltage	24 V
voltage type	DC
number of OSSD outputs	2
max. output current	380 mA
degree of protection (IP)	IP65
PFH _d (High demand mode)	7.73 E-9 1/h
mission time TM	20 a

safety parameters

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

PFH _d (High demand mode)	7.73 E-9 1/h
HFT	1
T _M	20 a

dimensions

width sensor	29 mm
height of sensor	35.4 mm
length of sensor	516 mm

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

product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

Accessories

Commercial Art.No.:	Article-type description:	Description:
R1.596.0010.0	cable SLX-SBOX-CAB2	Cable, M12, female connector straight, male connector straight, 5 m
R1.596.0011.0	cable SLX-SBOX-CAB2W	Cable, M12, female connector straight, male connector angulated, 5 m
R1.596.0012.0	cable SLX-SBOX-CAB3	Cable, M12, female connector straight, male connector straight, 15 m
R1.596.0013.0	cable SLX-SBOX-CAB3W	Cable, M12, female connector straight, male connector angulated, 15 m
R1.594.1000.0	tilted mirror tie bar SLX-COLM-1000	Reflector column, persistant 1000 mm
R1.595.0450.0	tilted mirror SLX-MIR-0450	Reflector, length: 510 mm
R1.596.0005.0	receipt-unit SLX-SBOX SLX-ACC-CONF1	Reset-Box for SLX-SBOX, M12
R1.596.0007.0	sensor interface muting sensors SLX-SBOX-MO	Sensor interface for muting sensors on safety light curtains SLC-4 Professional, with mounting plate
R1.596.1430.0	test bar SLX-ACC-TEST1430	Test bar, 14/30 mm
R1.596.2040.0	test bar SLX-ACC-TEST2040	Test bar, 20/40 mm
R1.500.0805.0	connection cable SLX-CAB-M12-0805	Connection cable M12, 8-pole, Length 5m, unshielded
R1.500.0810.0	connection cable SLX-CAB-M12-0810	Connection cable M12, 8-pole, Length 10m, unshielded
R1.500.0815.0	connection cable SLX-CAB-M12-0815	Connection cable M12, 8-pole, Length 15m, unshielded
R1.500.0825.0	connection cable SLX-CAB-M12-0825	Connection cable M12, 8-pole, Length 25m, unshielded
R1.500.0850.0	connection cable SLX-CAB-M12-0850	Connection cable M12, 8-pole, Length 50m, unshielded
R1.600.0805.0	connection cable SLX-CAB-M12-S0805	Connection cable M12, 8-pole, Length 5m, shielded
R1.600.0810.0	connection cable SLX-CAB-M12-S0810	Connection cable M12, 8-pole, Length 10m, shielded
R1.600.0815.0	connection cable SLX-CAB-M12-S0815	Connection cable M12, 8-pole, Length 15m, shielded
R1.600.0825.0	connection cable SLX-CAB-M12-S0825	Connection cable M12, 8-pole, Length 25m, shielded
R1.600.0850.0	connection cable SLX-CAB-M12-S0850	Connection cable M12, 8-pole, Length 50m, shielded

R1.593.0900.0	device columns SLX-COL-0900	"Device column, profile heighth: 820 mm; Total heighth: 900 mm"
R1.591.0001.0	sliding block set SLX-MO-TNUTM6	Set Slot nut with M6-screw thread, 10 pcs.
R1.591.0005.0	Z-fixture SLX-MO-Z	Z-Bracket, 2 pcs.
R1.591.0007.0	rotary holding with shockabsorber SLX-MO-RO-S	Rotative bracket with Shockabsorber, 70mm lang, 2 pcs.
R1.591.0009.0	tool holder SLX-MO-CLIP	Clamp bracket, for Installation in Device column
R1.591.0010.0	set tool holder SLX-MO-CLIP2	Set Clamp bracket, for Installation in Device column
R1.591.0020.0	rotary holding 360° SLX-MO-RO2	Rotative bracket, 2 pcs., incl. 1 pcs. SLC-cylinder
R1.596.0008.0	cable SLX-SBOX-CAB1	Cable, M12, female connector straight, male connector straight, 1,5 m
R1.596.0009.0	cable SLX-SBOX-CAB1W	Cable, M12, female connector straight, male connector angulated, 1,5 m

Fits with

Commercial Art.No.:	Article-type description:	Description:
R1.544.0450.0	light curtain SLC-4TR40-0450	Safety-Lightcurtain Type 4, Transmitter, Resolution 40 mm, L = 450 mm

SLC 4 - Sender / transmitter - Host

Table with columns: Schutzfeldhoehe / Protective field height (mm), Laenge / length (mm), and resolution options (14 mm, 20 mm, 30 mm, 40 mm, 90 mm) for Host transmitter.

SLC 4 - Sender / transmitter - Guest

Table with columns: Schutzfeldhoehe / Protective field height (mm), Laenge / length (mm), and resolution options for Guest transmitter.

SLC 4 - Sender / transmitter - Middle Guest

Table with columns: Schutzfeldhoehe / Protective field height (mm), Laenge / length (mm), and resolution options for Middle Guest transmitter.

SLC 4 - Empfaenger / receiver Host

Table with columns: Schutzfeldhoehe / Protective field height (mm), Laenge / length (mm), and resolution options for Host receiver.

SLC 4 - Empfaenger / receiver Guest

Table with columns: Schutzfeldhoehe / Protective field height (mm), Laenge / length (mm), and resolution options for Guest receiver.

SLC 4 - Empfaenger / receiver - Middle Guest

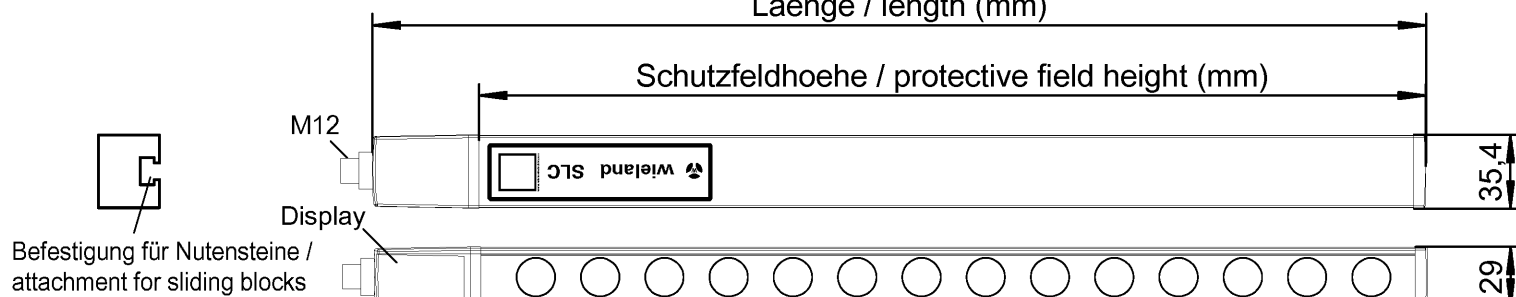
Table with columns: Schutzfeldhoehe / Protective field height (mm), Laenge / length (mm), and resolution options for Middle Guest receiver.

SLC 4 - Empfaenger Professional / receiver professional

Table with columns: Schutzfeldhoehe / Protective field height (mm), Laenge / length (mm), and resolution options for Professional receiver.

Laenge / length (mm)

Schutzfeldhoehe / protective field height (mm)



Technical specification block containing: 'Weitere Angaben siehe KATALOG...', 'ja/yes [X] Stoffverbots- und Deklarationsliste...', 'Freitoleranz nach...', 'Werkstoff / Material', 'Maßstab/Scale', 'Datei / File: 45271_01K.DCD', 'Ersatz für / Replacement for:', 'www.wieland-electric.com', 'eshop.wieland-electric.com', 'Zeichnung Nr. / Drawing No. T R1.571.0150.0 01K', 'Maße in mm / Dimensions are in mm', 'Type', 'Benennung / Title Teilespezifikation / Component specification Lichtgitter SLC / light curtain SLC', 'www.wieland-electric.com'.

Vertical text on the right edge of the page, including 'A 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 M1 M2 M3 L G i 11.1 12.1 1.1'.