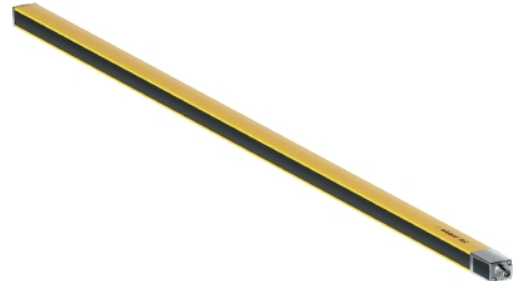


Data sheet

Commercial Art.No.: R1.543.1050.0

light curtain SLC-4TR30-1050

Safety-Lightcurtain Type 4, Transmitter, Resolution 30 mm, L = 1050 mm



Commercial Art.No.	R1.543.1050.0
EAN	4049088201905
Order Unit	1

certificates / approvals



Technical data

function

sensor element	Transmitter
with muting function	no
with muting display	no
muting with	samosPRO COMPACT
with beam coding	no
automatic start	no
restart interlock	no
alignment aid	no
blanking	no
cascadable	no

technical data

type acc. EN 61496-1	4
resolution	30 mm
protective field height	1050 mm
distance	0 - 10 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	1116 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:
R1.591.0001.0	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

Fits with

Commercial Art.No.:	Article-type description:	Description:
R1.553.1050.0	light curtain SLC-4ST30-1050	Safety-Lightcurtain Type 4, Receiver-Standard, Resolution 30 mm, L = 1050 mm
R1.573.1050.0	light curtain SLC-4PR30-1050	Safety-Lightcurtain Type 4, Receiver-Professional, Resolution 30 mm, L = 1050 mm

SLC 2 - Sender / transmitter

Schutzfeldhöhe / Protective field height (mm)	Länge / length (mm)	Auflösung / resolution 20 mm	Auflösung / resolution 30 mm	Auflösung / resolution 40 mm	Auflösung / resolution 90 mm
150	216	R1.512.0150.0	R1.513.0150.0	R1.514.0150.0	-
225	291	R1.512.0225.0	R1.513.0225.0	R1.514.0225.0	-
300	366	R1.512.0300.0	R1.513.0300.0	R1.514.0300.0	-
450	516	R1.512.0450.0	R1.513.0450.0	R1.514.0450.0	-
600	666	R1.512.0600.0	R1.513.0600.0	R1.514.0600.0	R1.515.0600.0
750	816	R1.512.0750.0	R1.513.0750.0	R1.514.0750.0	R1.515.0750.0
900	966	R1.512.0900.0	R1.513.0900.0	R1.514.0900.0	R1.515.0900.0
1050	1116	R1.512.1050.0	R1.513.1050.0	R1.514.1050.0	R1.515.1050.0
1200	1266	R1.512.1200.0	R1.513.1200.0	R1.514.1200.0	R1.515.1200.0
1350	1416	R1.512.1350.0	R1.513.1350.0	R1.514.1350.0	R1.515.1350.0
1500	1566	R1.512.1500.0	R1.513.1500.0	R1.514.1500.0	R1.515.1500.0
1650	1716	R1.512.1650.0	R1.513.1650.0	R1.514.1650.0	R1.515.1650.0
1800	1866	R1.512.1800.0	R1.513.1800.0	R1.514.1800.0	R1.515.1800.0

SLC 2 - Empfänger Standard / receiver standard

Schutzfeldhöhe / Protective field height (mm)	Länge / length (mm)	Auflösung / resolution 20 mm	Auflösung / resolution 30 mm	Auflösung / resolution 40 mm	Auflösung / resolution 90 mm
150	216	R1.522.0150.0	R1.523.0150.0	R1.524.0150.0	-
225	291	R1.522.0225.0	R1.523.0225.0	R1.524.0225.0	-
300	366	R1.522.0300.0	R1.523.0300.0	R1.524.0300.0	-
450	516	R1.522.0450.0	R1.523.0450.0	R1.524.0450.0	-
600	666	R1.522.0600.0	R1.523.0600.0	R1.524.0600.0	R1.525.0600.0
750	816	R1.522.0750.0	R1.523.0750.0	R1.524.0750.0	R1.525.0750.0
900	966	R1.522.0900.0	R1.523.0900.0	R1.524.0900.0	R1.525.0900.0
1050	1116	R1.522.1050.0	R1.523.1050.0	R1.524.1050.0	R1.525.1050.0
1200	1266	R1.522.1200.0	R1.523.1200.0	R1.524.1200.0	R1.525.1200.0
1350	1416	R1.522.1350.0	R1.523.1350.0	R1.524.1350.0	R1.525.1350.0
1500	1566	R1.522.1500.0	R1.523.1500.0	R1.524.1500.0	R1.525.1500.0
1650	1716	R1.522.1650.0	R1.523.1650.0	R1.524.1650.0	R1.525.1650.0
1800	1866	R1.522.1800.0	R1.523.1800.0	R1.524.1800.0	R1.525.1800.0

SLC 2 - Empfänger Select / receiver select

Schutzfeldhöhe / Protective field height (mm)	Länge / length (mm)	Auflösung / resolution 20 mm	Auflösung / resolution 30 mm	Auflösung / resolution 40 mm	Auflösung / resolution 90 mm
150	216	R1.532.0150.0	R1.533.0150.0	R1.534.0150.0	-
225	291	R1.532.0225.0	R1.533.0225.0	R1.534.0225.0	-
300	366	R1.532.0300.0	R1.533.0300.0	R1.534.0300.0	-
450	516	R1.532.0450.0	R1.533.0450.0	R1.534.0450.0	-
600	666	R1.532.0600.0	R1.533.0600.0	R1.534.0600.0	R1.535.0600.0
750	816	R1.532.0750.0	R1.533.0750.0	R1.534.0750.0	R1.535.0750.0
900	966	R1.532.0900.0	R1.533.0900.0	R1.534.0900.0	R1.535.0900.0
1050	1116	R1.532.1050.0	R1.533.1050.0	R1.534.1050.0	R1.535.1050.0
1200	1266	R1.532.1200.0	R1.533.1200.0	R1.534.1200.0	R1.535.1200.0
1350	1416	R1.532.1350.0	R1.533.1350.0	R1.534.1350.0	R1.535.1350.0
1500	1566	R1.532.1500.0	R1.533.1500.0	R1.534.1500.0	R1.535.1500.0
1650	1716	R1.532.1650.0	R1.533.1650.0	R1.534.1650.0	R1.535.1650.0
1800	1866	R1.532.1800.0	R1.533.1800.0	R1.534.1800.0	R1.535.1800.0

SLC 4 - Sender / transmitter

Schutzfeldhöhe / Protective field height (mm)	Länge / length (mm)	Auflösung / resolution 14 mm	Auflösung / resolution 20 mm	Auflösung / resolution 30 mm	Auflösung / resolution 40 mm	Auflösung / resolution 90 mm
150	216	R1.541.0150.0	R1.542.0150.0	R1.543.0150.0	R1.544.0150.0	-
225	291	-	R1.542.0225.0	R1.543.0225.0	R1.544.0225.0	-
300	366	R1.541.0300.0	R1.542.0300.0	R1.543.0300.0	R1.544.0300.0	-
450	516	R1.541.0450.0	R1.542.0450.0	R1.543.0450.0	R1.544.0450.0	-
600	666	R1.541.0600.0	R1.542.0600.0	R1.543.0600.0	R1.544.0600.0	R1.545.0600.0
750	816	R1.541.0750.0	R1.542.0750.0	R1.543.0750.0	R1.544.0750.0	R1.545.0750.0
900	966	R1.541.0900.0	R1.542.0900.0	R1.543.0900.0	R1.544.0900.0	R1.545.0900.0
1050	1116	R1.541.1050.0	R1.542.1050.0	R1.543.1050.0	R1.544.1050.0	R1.545.1050.0
1200	1266	R1.541.1200.0	R1.542.1200.0	R1.543.1200.0	R1.544.1200.0	R1.545.1200.0
1350	1416	R1.541.1350.0	R1.542.1350.0	R1.543.1350.0	R1.544.1350.0	R1.545.1350.0
1500	1566	R1.541.1500.0	R1.542.1500.0	R1.543.1500.0	R1.544.1500.0	R1.545.1500.0
1650	1716	R1.541.1650.0	R1.542.1650.0	R1.543.1650.0	R1.544.1650.0	R1.545.1650.0
1800	1866	R1.541.1800.0	R1.542.1800.0	R1.543.1800.0	R1.544.1800.0	R1.545.1800.0

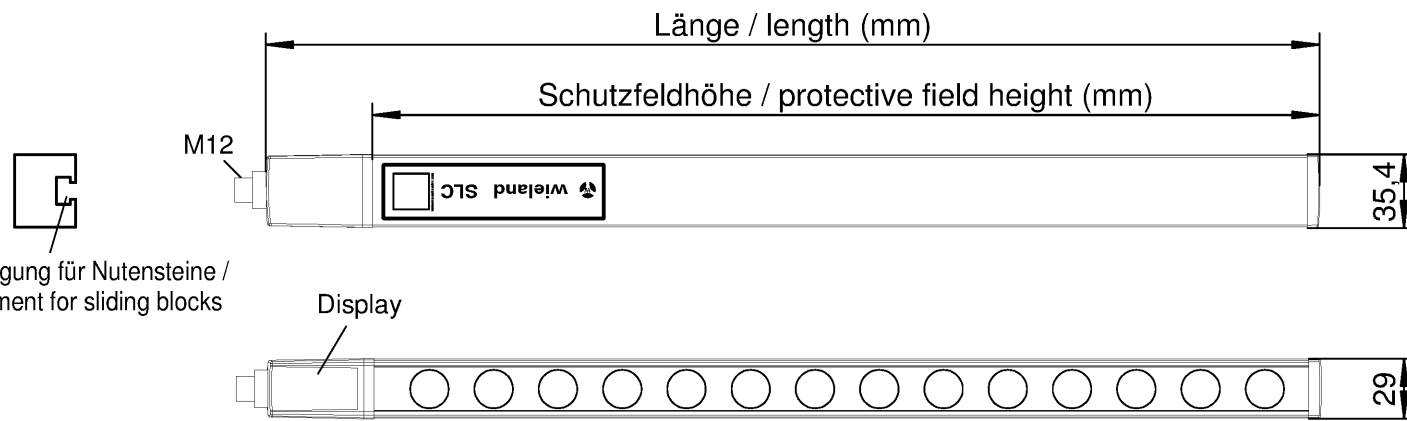
SLC 4 - Empfänger Standard / receiver standard

Schutzfeldhöhe / Protective field height (mm)	Länge / length (mm)	Auflösung / resolution 14 mm	Auflösung / resolution 20 mm	Auflösung / resolution 30 mm	Auflösung / resolution 40 mm	Auflösung / resolution 90 mm
150	216	R1.551.0150.0	R1.552.0150.0	R1.553.0150.0	R1.554.0150.0	-
225	291	-	R1.552.0225.0	R1.553.0225.0	R1.554.0225.0	-
300	366	R1.551.0300.0	R1.552.0300.0	R1.553.0300.0	R1.554.0300.0	-
450	516	R1.551.0450.0	R1.552.0450.0	R1.553.0450.0	R1.554.0450.0	-
600	666	R1.551.0600.0	R1.552.0600.0	R1.553.0600.0	R1.554.0600.0	R1.555.0600.0
750	816	R1.551.0750.0	R1.552.0750.0	R1.553.0750.0	R1.554.0750.0	R1.555.0750.0
900	966	R1.551.0900.0	R1.552.0900.0	R1.553.0900.0	R1.554.0900.0	R1.555.0900.0
1050	1116	R1.551.1050.0	R1.552.1050.0	R1.553.1050.0	R1.554.1050.0	R1.555.1050.0
1200	1266	R1.551.1200.0	R1.552.1200.0	R1.553.1200.0	R1.554.1200.0	R1.555.1200.0
1350	1416	R1.551.1350.0	R1.552.1350.0	R1.553.1350.0	R1.554.1350.0	R1.555.1350.0
1500	1566	R1.551.1500.0	R1.552.1500.0	R1.553.1500.0	R1.554.1500.0	R1.555.1500.0
1650	1716	R1.551.1650.0	R1.552.1650.0	R1.553.1650.0	R1.554.1650.0	R1.555.1650.0
1800	1866	R1.551.1800.0	R1.552.1800.0	R1.553.1800.0	R1.554.1800.0	R1.555.1800.0

SLC 4 - Empfänger Select / receiver select

Schutzfeldhöhe / Protective field height (mm)	Länge / length (mm)	Auflösung / resolution 14 mm	Auflösung / resolution 20 mm	Auflösung / resolution 30 mm	Auflösung / resolution 40 mm	Auflösung / resolution 90 mm
150	216	R1.561.0150.0	R1.562.0150.0	R1.563.0150.0	R1.564.0150.0	-
225	291	-	R1.562.0225.0	R1.563.0225.0	R1.564.0225.0	-
300	366	R1.561.0300.0	R1.562.0300.0	R1.563.0300.0	R1.564.0300.0	-
450	516	R1.561.0450.0	R1.562.0450.0	R1.563.0450.0	R1.564.0450.0	-
600	666	R1.561.0600.0	R1.562.0600.0	R1.563.0600.0	R1.564.0600.0	R1.565.0600.0
750	816	R1.561.0750.0	R1.562.0750.0	R1.563.0750.0	R1.564.0750.0	R1.565.0750.0
900	966	R1.561.0900.0	R1.562.0900.0	R1.563.0900.0	R1.564.0900.0	R1.565.0900.0
1050	1116	R1.561.1050.0	R1.562.1050.0	R1.563.1050.0	R1.564.1050.0	R1.565.1050.0
1200	1266	R1.561.1200.0	R1.562.1200.0	R1.563.1200.0	R1.564.1200.0	R1.565.1200.0
1350	1416	R1.561.1350.0	R1.562.1350.0	R1.563.1350.0	R1.564.1350.0	R1.565.1350.0
1500	1566	R1.561.1500.0	R1.562.1500.0	R1.563.1500.0	R1.564.1500.0	R1.565.1500.0
1650	1716	R1.561.1650.0	R1.562.1650.0	R1.563.1650.0	R1.564.1650.0	R1.565.1650.0
1800	1866	R1.561.1800.0	R1.562.1800.0	R1.563.1800.0	R1.564.1800.0	R1.565.1800.0

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	Werkstoff / Material	2015 gezeichnet drawn 30.04. geprüft checked Normgepr. Stand. check	Name Kötzner
	Maßstab/Scale	Zeichnung Nr. / Drawing No. T R1.512.0150.0 01K	
	Maße in mm / Dimensions are in mm		
	Datei / File: 40631__01K.DCD	Ersatz für / Replacement for:	
	wieland www.wieland-electric.com	Type	Benennung / Title Teilespezifikation / Component specification Lichtvorhang SLC / light curtain SLC
Index	Datum / Blatt Date / Sheet		
Änderung / Revision			

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