



Safety

Control unit Type 2

Single beam Photoelectric Sensors Type 2 and 4

Safety light curtains Type 2


Safety light curtains Type 4

Safety

Control unit Type 2

SBCR03



dimensions	84x76x110 mm	
sensing distance	—	
controlled area height	—	
protection	—	
resolution	—	
beams number	up to 6	
available functions	automatic restart	●
	manual restart	●
	EDM	●
	double muting	●
type	2 (EN 61496-2) PLd (EN ISO 13849-1) SIL CL 2 (EN 62061)	
power supply	Vdc	●
	Vac	—
output type	2 relays	—
	2 PNP	●
	totem pole	—
temperature range	-20°C...+60°C	
protection degree	IP20	
housing material	ABS	
head material	—	
output	cable	—
	M12 plug	—
	terminals	●
ATEX	—	
other certifications		



Safety

Safety light curtains Type 4

		LS4	LS4_K & LS4_H	LP4ER
dimensions		cubic 28x30 mm	cylindric ø 56 mm	cubic 50x60 mm
sensing distance		0..3/1..6 m sel. (res.14 mm); 0..4/0..12 m e 0..10/3..20 m sel.	0..2/1..5 m (res.14 mm); 0..8/3..17 m sel.	0..6/1..16 m sel.; 8..30/18..60 m sel.;
controlled area height		from 160 to 1,510 mm	from 160 to 1,510 mm	510 mm, 610 mm, 810 mm, 910 mm, 1,210 mm
protection		finger, hand, body, access	finger, hand, access	hand, access
resolution		14 mm, 20 mm, 30 mm, 40 mm, 50 mm, 90 mm, 300 mm, 400 mm, 500 mm	14 mm, 30 mm, 300 mm, 400 mm, 500 mm	40 mm, 300 mm, 400 mm, 500 mm
beams number		depending on height	depending on height	depending on height
available functions	automatic restart	●	●	●
	manual restart	●	●	●
	EDM	●	●	●
	integrated connections for muting sensors	—	—	—
	sensitivity adjustment	●	●	●
	extended range	●	●	●
	master	●	—	—
	intermediate slave	●	—	—
	final slave	●	—	—
	with passive element	—	—	—
type		4 (EN 61496-2) SILCL 3 (EN 62061) PL e (EN ISO 13849-1)	4 (EN 61496-2) SILCL 3 (EN 62061) PL e (EN ISO 13849-1)	4 (EN 61496-2) SILCL 3 (EN 62061) PL e (EN ISO 13849-1)
power supply	Vdc	●	●	●
	Vac	—	—	—
output type	2 relays	—	—	—
	2 PNP	●	●	●
temperature range		-10°C...+55°C	-10°C...+55°C (LS4_K) -25°C...+55°C (LS4_H)	-10°C...+55°C
protection degree		IP67	IP69K	IP65
housing material		aluminium	PMMA, POM-C, stainless steel	aluminium
optic material		PMMA	PMMA	PMMA
output	cable	—	●	—
	M12 plug, 5 wires	emitter and master / slave	—	emitter
	M12 plug, 8 wires	single emitter and master	—	—
	M23 plug, 19 wires	—	—	receiver
ATEX		—	—	—
other certifications				