

Technical data sheet

Safety sensor set

Part no.: 426697

MLC510-30-1800.1-SB10






Contents

- Set consists of
- Technical data
- Part number code



Set consists of

	Quantity	Part no.	Designation	Article	Description
	3	424422	BT-2SB10	Mounting bracket set	Design of mounting device: Mounting clamp Fastening, at system: Through-hole mounting Mounting bracket, at device: Clampable, On the lateral C-groove Type of mounting device: Swiveling Swivel range: -8 ... 8 ° Material: Metal
	1	68000318	MLC500T30-1800	Safety light curtain transmitter	Resolution: 30 mm Protective field height: 1,800 mm Operating range: 0 ... 10 m Connection: Connector, M12, Metal, 5 -pin
	1	68026318	MLC510R30-1800.1	Safety light curtain receiver	Function package: Basic Resolution: 30 mm Protective field height: 1,800 mm Response time: 32 ms Connection: Connector, M12, Metal, 5 -pin

Technical data

Basic data

Series	MLC 500
Device type	Set (transmitter and receiver)
Application	Hand protection

Functions

Functions	Automatic start/restart
	DoubleScan
	Range reduction
	Transmission channel changeover

Characteristic parameters

Type	4, IEC/EN 61496
SIL	3, IEC 61508
SILCL	3, IEC/EN 62061
Performance Level (PL)	e, EN ISO 13849-1
PFH _D	7.73E-09 per hour
Mission time T _M	20 years, EN ISO 13849-1
Category	4, EN ISO 13849

Protective field data

Resolution	30 mm
Protective field height	1,800 mm
Operating range	0 ... 10 m

Certifications

Degree of protection	IP 65
----------------------	-------

Classification

Customs tariff number	85365019
ECLASS 5.1.4	27272704
ECLASS 8.0	27272704
ECLASS 9.0	27272704
ECLASS 10.0	27272704
ECLASS 11.0	27272704
ECLASS 12.0	27272704
ECLASS 13.0	27272704
ECLASS 14.0	27272704
ETIM 5.0	EC002549
ETIM 6.0	EC002549
ETIM 7.0	EC002549
ETIM 8.0	EC002549
ETIM 9.0	EC002549

Part number code

Part designation: **MLCxyy-za-hhhhei-ooo**

MLC **Safety light curtain**

x	3: MLC 300 5: MLC 500
yy	Function classes 00: transmitter 01: transmitter (AIDA) 02: transmitter with test input 10: basic receiver - automatic restart 11: basic receiver - automatic restart (AIDA) 20: standard receiver - EDM/RES selectable 30: extended receiver - blanking/muting

Note



A list with all available device types can be found on the Leuze website at www.leuze.com.