

MLC 320

The Standard version of this type 2 safety light curtain, with a start/restart interlock (RES) and contactor monitoring (EDM), also features practical function extensions for increased performance – still being simple to handle and integrate into your systems.

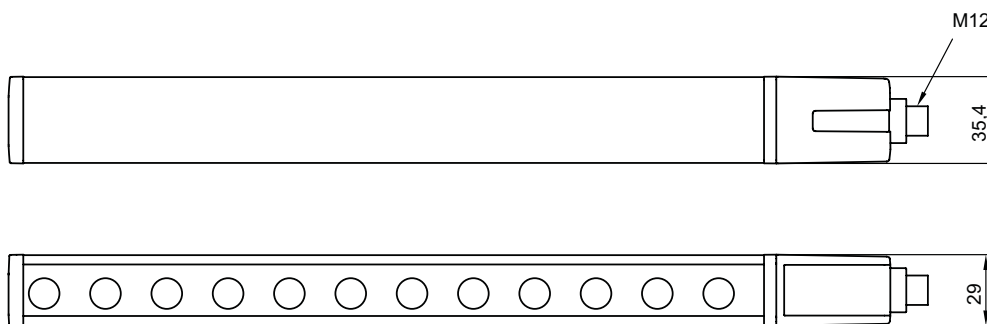
Benefits:

- Basic functions such as automatic start/restart, start/restart interlock (RES), contactor monitoring (EDM)
- Optimal handling due to function selection without PC as well as LED and 7-segment display with integrated 3-zone alignment aid
- Prevention of mutual interference of the sensors by selectable transmission channels and range reduction, if applicable
- Universal application due to standard functions
- Short delivery times and global availability
- QR code on the sensor for quick service information

Part no.	Part description	Protective field height	Resolution	Operating range	Connection
68092201	▶ MLC320R20-150	150 mm	20 mm		Connector, metal, M12, 8-pin
68090201	◀ MLC300T20-150	150 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092202	▶ MLC320R20-225	225 mm	20 mm		Connector, metal, M12, 8-pin
68090202	◀ MLC300T20-225	225 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092203	▶ MLC320R20-300	300 mm	20 mm		Connector, metal, M12, 8-pin
68090203	◀ MLC300T20-300	300 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092204	▶ MLC320R20-450	450 mm	20 mm		Connector, metal, M12, 8-pin
68090204	◀ MLC300T20-450	450 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092206	▶ MLC320R20-600	600 mm	20 mm		Connector, metal, M12, 8-pin
68090206	◀ MLC300T20-600	600 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092207	▶ MLC320R20-750	750 mm	20 mm		Connector, metal, M12, 8-pin
68090207	◀ MLC300T20-750	750 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092209	▶ MLC320R20-900	900 mm	20 mm		Connector, metal, M12, 8-pin
68090209	◀ MLC300T20-900	900 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092210	▶ MLC320R20-1050	1,050 mm	20 mm		Connector, metal, M12, 8-pin
68090210	◀ MLC300T20-1050	1,050 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092212	▶ MLC320R20-1200	1,200 mm	20 mm		Connector, metal, M12, 8-pin
68090212	◀ MLC300T20-1200	1,200 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092213	▶ MLC320R20-1350	1,350 mm	20 mm		Connector, metal, M12, 8-pin
68090213	◀ MLC300T20-1350	1,350 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092215	▶ MLC320R20-1500	1,500 mm	20 mm		Connector, metal, M12, 8-pin
68090215	◀ MLC300T20-1500	1,500 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092216	▶ MLC320R20-1650	1,650 mm	20 mm		Connector, metal, M12, 8-pin
68090216	◀ MLC300T20-1650	1,650 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin
68092218	▶ MLC320R20-1800	1,800 mm	20 mm		Connector, metal, M12, 8-pin
68090218	◀ MLC300T20-1800	1,800 mm	20 mm	0 ... 15 m	Connector, metal, M12, 5-pin

▶ receiver / ◀ transmitter
 Included in delivery: sliding blocks.
 Further products of this series can be found on our website.
 Available resolutions: 20 mm, 30 mm, 40 mm, 90 mm.

Dimensioned drawings: MLC 300



MLC 300 safety light curtain

Switching sensors

Measuring sensors

Products for safety at work

Identification

Data transmission / Control components

Industrial image processing

Accessories

ACCESSORIES: MLC 300, MLC 500

Connection technology

Connection cables for MLC 300, MLC 500 transmitter, MLC 510receiver

Part no.	Part description	Connection 1	No. of pins	Cable length	Sheathing material
678055	CB-M12-5000E-5GF	Connector, M12, axial, female	5-pin	5,000 mm	PUR
678056	CB-M12-10000E-5GF	Connector, M12, axial, female	5-pin	10,000 mm	PUR
678057	CB-M12-15000E-5GF	Connector, M12, axial, female	5-pin	15,000 mm	PUR
678058	CB-M12-25000E-5GF	Connector, M12, axial, female	5-pin	25,000 mm	PUR
678059	CB-M12-50000E-5GF	Connector, M12, axial, female	5-pin	50,000 mm	PUR

Further connection cables can be found on our website

Connection cables for MLC 520, MLC 530receiver

Part no.	Part description	Connection 1	No. of pins	Cable length	Sheathing material
678060	CB-M12-5000E-8GF	Connector, M12, axial, female	8-pin	5,000 mm	PUR
678061	CB-M12-10000E-8GF	Connector, M12, axial, female	8-pin	10,000 mm	PUR
678062	CB-M12-15000E-8GF	Connector, M12, axial, female	8-pin	15,000 mm	PUR
678063	CB-M12-25000E-8GF	Connector, M12, axial, female	8-pin	25,000 mm	PUR
678064	CB-M12-50000E-8GF	Connector, M12, axial, female	8-pin	50,000 mm	PUR

Further connection cables can be found on our website

Connection cables for MLC 301, MLC 501 transmitter, MLC 311, MLC 511receiver

Part no.	Part description	Connection 1	No. of pins	Cable length	Sheathing material
50130726	KD S-M12-4A-P1-050	Connector, M12, axial, female	4-pin	5,000 mm	PUR
50130727	KD S-M12-4A-P1-100	Connector, M12, axial, female	4-pin	10,000 mm	PUR
50123846	CB-M12-25000E-4GF-PUR	Connector, M12, axial, female	4-pin	25,000 mm	PUR

Further connection cables can be found on our website

Interconnection cables for Host/MiddleGuest/Guest

Part no.	Part description	Connection 1	Connection 1, no. of pins	Connection 2	Connection 2, no. of pins	Cable length	Sheathing material
429278	CB-M12-2000E-8TP	Connector, M12, axial, female	8-pin	Connector, M12, axial, male	8-pin	2,000 mm	PUR
429279	CB-M12-5000E-8TP	Connector, M12, axial, female	8-pin	Connector, M12, axial, male	8-pin	5,000 mm	PUR

Further interconnection cables can be found on our website

User-configurable connectors

Part no.	Part description	Connection	No. of pins
429175	CB-M12-5GF	Connector, M12, axial, female	5-pin
429178	CB-M12-8GF	Connector, M12, axial, female	8-pin

Further connectors can be found on our website

Mounting systems

Mounting brackets

Part no.	Part description	Design	Fastening at device	Fastening at system	Material
429006	BT-2L-HG	Host/Guest connection bracket	Screw type		Metal
429005	BT-L-HG	Host/Guest connection bracket	Screw type		Metal
429056	BT-2L	Angle, L-shape	Screw type	Through-hole mounting	Metal
429057	BT-2Z	Angle, Z-shape	Screw type	Through-hole mounting	Metal

Swivel mounts

Part no.	Part description	Suitable for	Fastening at device	Fastening at system	Material	Shock absorber
429393	BT-2HF		Clampable	Through-hole mounting	Metal, plastic	No
429394	BT-2HF-S		Clampable	Through-hole mounting	Metal, plastic	Yes
429395	BT-2HF-G	MLC MiddleGuest and Guest	Clampable	Through-hole mounting	Metal, plastic	No
429396	BT-2HF-GS	MLC MiddleGuest and Guest	Clampable	Through-hole mounting	Metal, plastic	Yes