



MLD500-T3L - Multiple light beam safety device transmitter



Figure shows additional/similar products



Part description **MLD500-T3L - Multiple light beam safety device transmitter**
Part no. **66502200**

Technical features | **Suitable products** | Accessories | Downloads

Close all groups

Basic data

Series	MLD 500
Device type	Transmitter

Characteristic parameters

Type	4, IEC/EN 61496
SIL	3, IEC 61508
SILCL	3, IEC/EN 62061
MTTF _d	204 years, EN ISO 13849-1
Mission time	20 years, EN ISO 13849-1

Protective field data

Operating range	0.5 ... 50 m
-----------------	--------------

Optical data

Number of beams	3 Piece(s)
-----------------	------------

Beam spacing	400 mm
Light source	LED, Infrared
LED light wavelength	850 nm
Transmitted-signal shape	Pulsed
LED safety class	1

Electrical data

We use cookies to optimize our Web presence for you. If you wish to continue using this website, agree to the use of cookies. You can find further information in our [data privacy declaration](#).

Close

Performance data

Supply voltage	24 V, DC, -20 ... 20 %
Current consumption, max.	50 mA
Current consumption (without load), max.	Without external load
Fuse	External with max. 3 A

Connection

Number of connections	1 Piece(s)
Connection 1	
Type of connection	Connector
Function	Machine interface
Thread size	M12
Material	Metal
No. of pins	5 -pin

Cable properties

Permissible conductor cross section, typ.	0.25 mm ²
Length of connection cable, max.	100 m
Permissible cable resistance to load, max.	200 Ω

Mechanical data

Dimension	52 mm x 900 mm x 64.7 mm
Housing material	Metal, Aluminum
Lens cover material	Plastic (PMMA)
Material of end caps	Diecast zinc
Net weight	2,000 g
Housing color	Yellow, RAL 1021
Type of fastening	Swivel mount, Groove mounting

Operation and display

Type of display	LED
Number of LEDs	3 Piece(s)

Environmental data

Ambient temperature, operation	-30 ... 55 °C
Ambient temperature, storage	-40 ... 75 °C
Relative humidity (non-condensing)	0 ... 95 %

Certifications

Degree of protection	IP 67
----------------------	-------

We use cookies to optimize our Web presence for you. If you wish to continue using this website, agree to the use of cookies. You can find further information in our [data privacy declaration](#) .

Close

Certifications	c CSA US, c TÜV NRTL US, TÜV Süd
----------------	----------------------------------

Functions

Functions	Range reduction
-----------	-----------------

Special design

Special design	Integrated laser alignment aid
----------------	--------------------------------

Classification

Customs tariff number	85365019
eCl@ss 8.0	27272703
eCl@ss 9.0	27272703
ETIM 5.0	EC001832

Part data of:2016-06-14 19:16:00