

Application Note
Substitute
Model ECO
Type
ERrr-(150-1800)
&
ETrr-(150-1800)

General Information

- Replacing an ECO light curtain (ETxx-yyyy; ERxx-yyyy)
- For all resolutions and protective field heights from 150 mm to 1800 (not for Master / Slave systems)
- Replacement: MLC502Txx-yyyy + MLC510Rxx-yyyy + ECO-SD-Set (Art. No .: 425044, consisting of two connection cables)
- Replacement without changing of the wiring
- Contain information for Article: ECO-SD-Set (Art. No.: 425044)



Note:

xx = resolution; yyy = protective field height

Substitute model Eco to MLC

Mechanical adaption



OLD



NEW



Note:

Since the MLC has a smaller usable alignment angle (one reason was a change in the standard 61496-2), an angular orientation of the MLC system is important. The following brackets are here recommended:

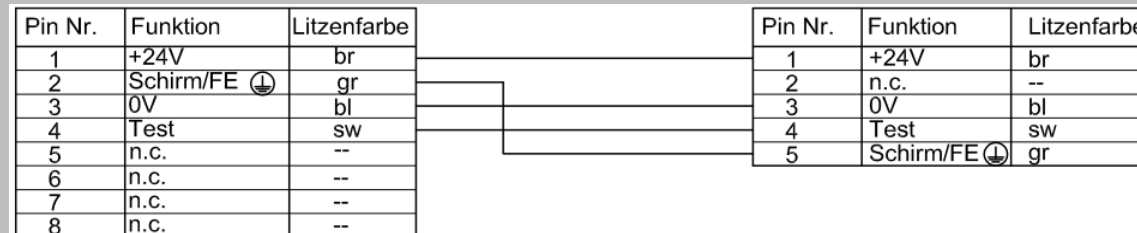
- BT-2SB10
- BT-2HF

Substitute model ER & ET with MLC

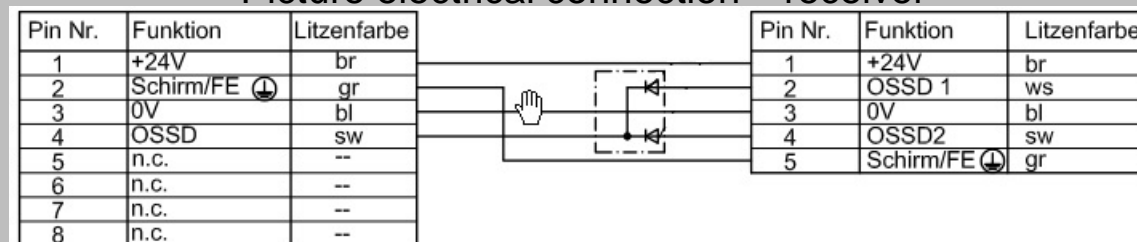
Electrical connection of the adapter set: ECO-SD-SET



Picture electrical connection – transmitter



Picture electrical connection – receiver



Note:

Cable adapter set for the exchange of series ECO to series MLC. This set consists of 2 short (0.3 m) connection cables (8-pin to 5-pin), one for the transmitter and one for the receiver. The receiver adapter contains 2 decoupling diodes for connecting the 2 OSSD outputs of MLC510 to simulate the one OSSD output provided by ECO.

Attention

Note:

Please pay attention to the following points:

- Only Receiver MLC510 + Transmitter MLC502 together should be replaced
- no serial interface
- no weak signal
- bigger housing of MLC5xx
- different response time

Any questions!?



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