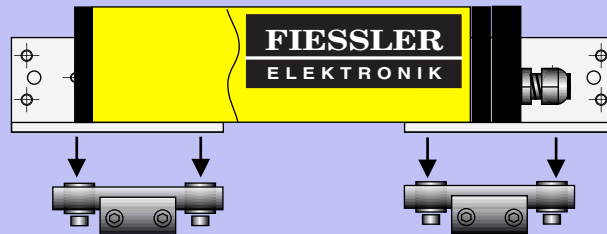


FGUL retrofit -kit FGS / MSL to ULVT



Fast, easy retrofitting from the FGS / MSL system to the ULVT system

No additional wiring required

No risk of connection errors

Low mounting cost

Electrical and mechanical components remain the same

Minimized machine down-times

Safety distance will remain the same (short response times)



Typ 4
EN 61496



DIN EN ISO 9001
Reg.Nr. 96007



optional



Application

In the course of the lifetime of secured machines it may happen that the originally utilized safety light curtains of one type must be exchanged by safety light curtains of another, different type, e.g. if certain types are no longer available. Until now, this conversion was not always easy to execute due to the fact that the new safety light curtain did not possess the same connection and construction features compatible to those of the old safety curtain. Moreover, the response times did not correspond.

Fiessler Elektronik now offers for this purpose an adapter system (FGUL), which provides the customer with a simple solution to replace a safety light curtain, e.g. a light curtain of the FGS or MSL series, by a safety light curtain of the ULVT series. The former problem of elaborating a completely new wiring is now obsolete, as the existing connection lid, the cabling and the external switch-gears can be utilized exactly as they are. In addition, the cost for mechanical components of the FGUL was reduced as far as possible by using mounting brackets at the ULVT light curtain that can be installed exactly on top of the already existing mounting brackets of the FGS / MSL type.

All electrical and mechanical components remain the same. Only the transmitter and receiver unit are exchanged. Thanks to the pre-fabricated adapter of Fiessler Elektronik, only the mounting brackets need to be screwed onto the existing mechanical FGS / MSL attachment, and the components can be connected again. By this, the risk of eventual connection errors is reliably excluded.

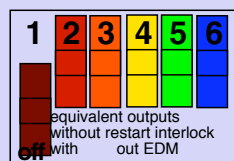
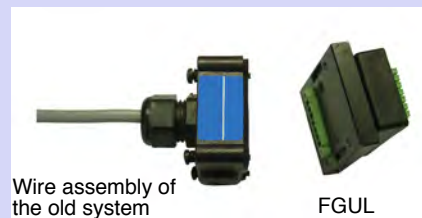
The use of this adaptor will reduce the installation times and considerably minimizes machine down-times.

Thanks to equal or better response times of the type ULVT, there is no need to elaborate a new risk assessment and the safety distance of the installation remains the same.

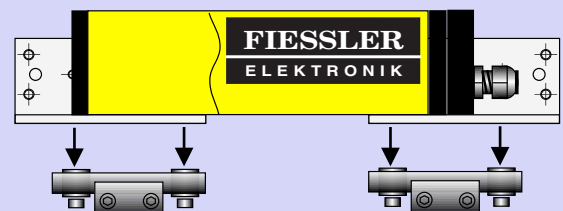
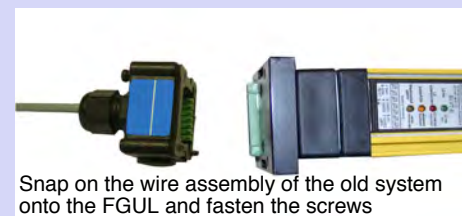
The utilisation of the FGUL is also possible if the FGS is combined to LCU-X.

In this case, the further utilisation of the LCU-X is possible in combination with the ULVT system.*

Procedure



Set the dip-switches in the ULVT receiver head as shown above



*This is, however, not applicable in the combination of FGS to the LCU-P.