

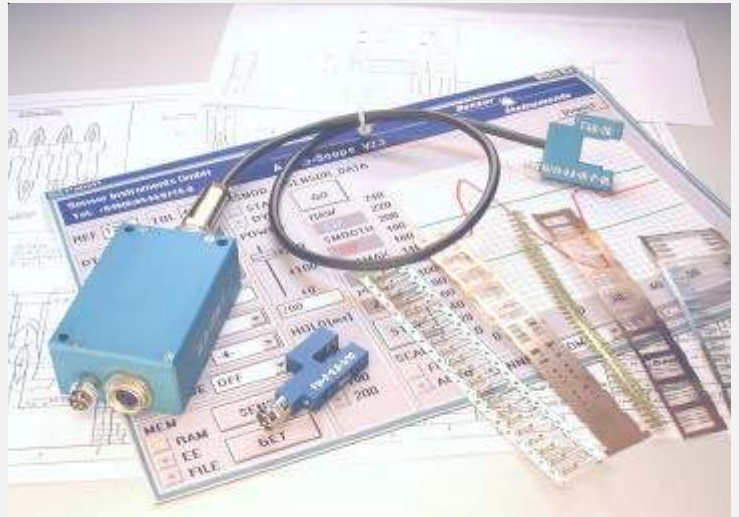
TLB Series

► Product Information

Applications: Mainly in the field of metal stamping

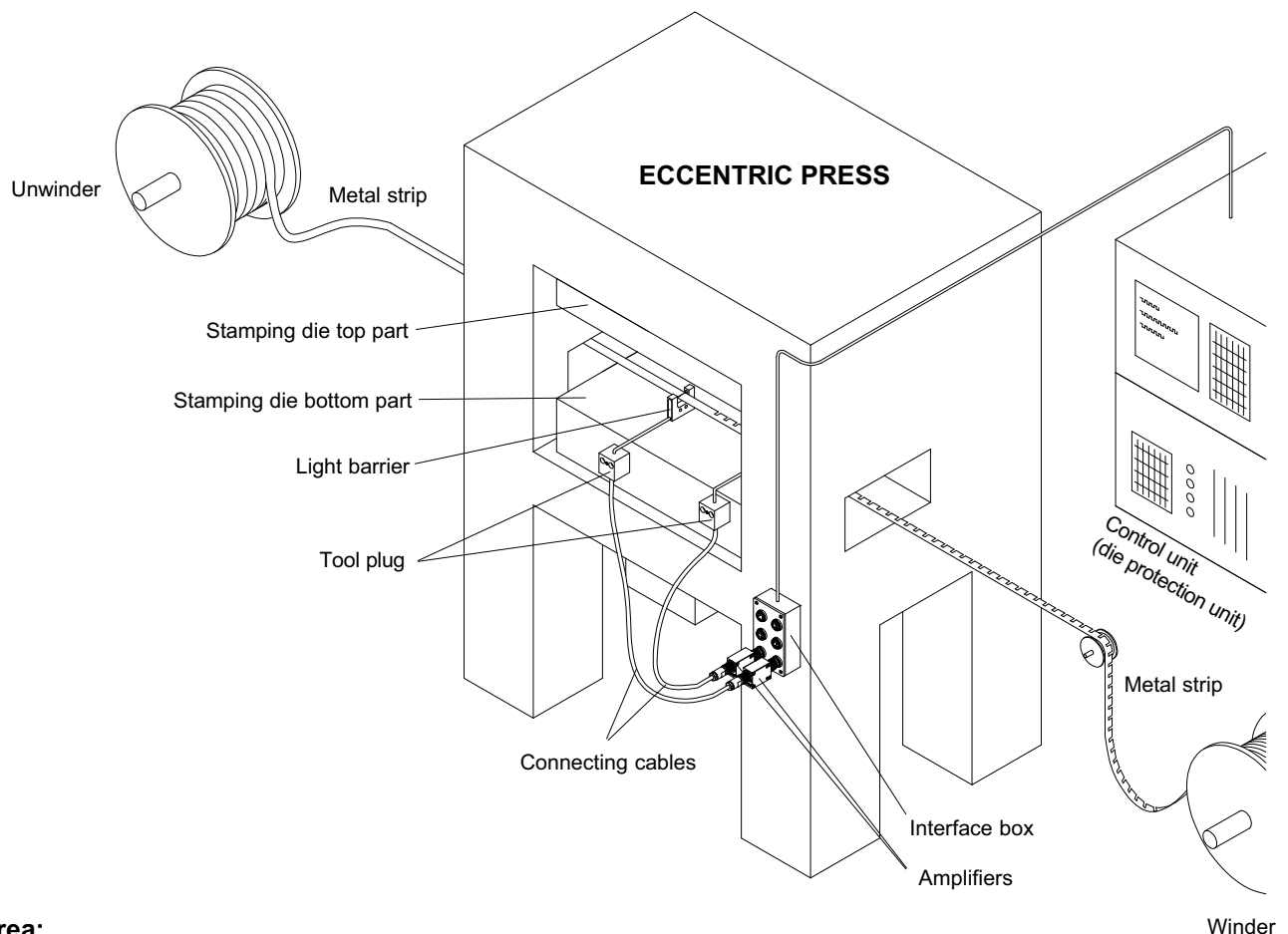
Products: Light barriers (IR and VIS): in split or, first of all, in fork shape (with or without compressed air supply), Characteristics of light barriers: external electronics

Amplifiers: Pulsating light or constant light amplifiers with digital or analog output (voltage output and current output)



Field of Application

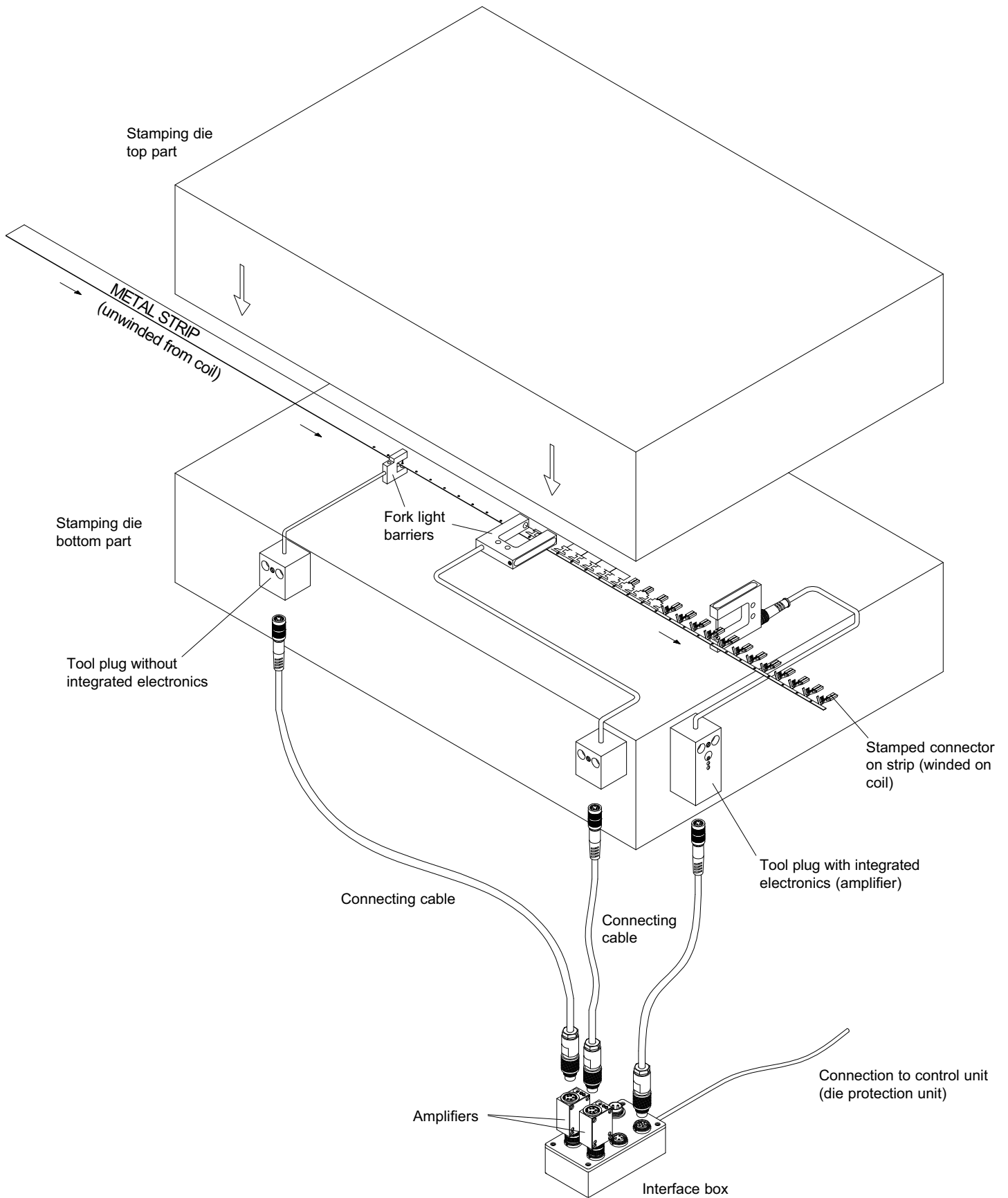
Main operative range: Stamping industry



Mounting area:

- The light barriers are primarily mounted at the stamping die bottom part, and are available also with a so-called tool plug (TP, TPN, TPO)
- The connection from the tool plug to the interface box is established by means of a connecting cable
- Pulsating light and constant light amplifiers are usually connected to the interface box
- The interface box is mounted directly at the stamping machine
- With part of amplifiers the electronics is integrated in the tool plug housing (TLB-CON1, TLB-CON4)

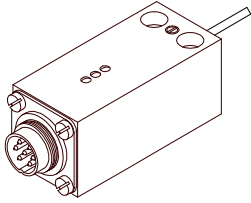
Application Example



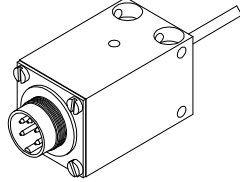


Product Line

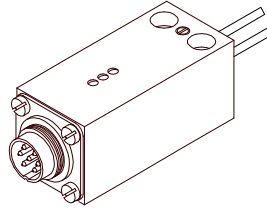
Constant light amplifiers in tool plug housing:



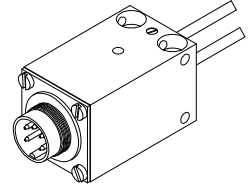
TLB-CON1/1



TLB-CON4/1

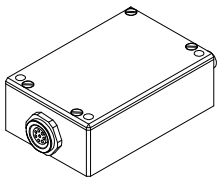


TLB-CON1/2

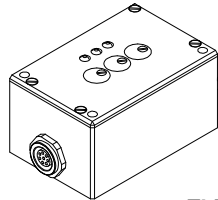


TLB-CON4/2

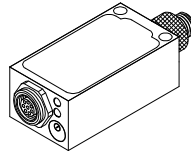
Pulsating light amplifiers:



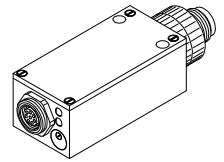
TLB-CON5



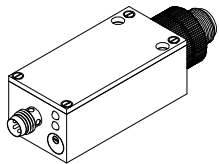
TLB-CON6



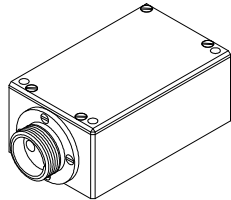
TLB-CON8



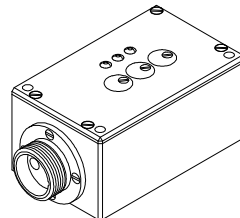
TLB-CON12



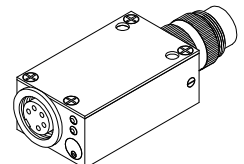
TLB-CON12



TLB-CON5-LWL

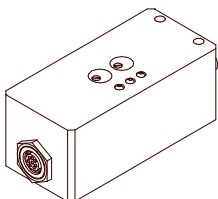


TLB-CON6-LWL

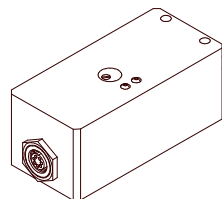


TLB-CON3

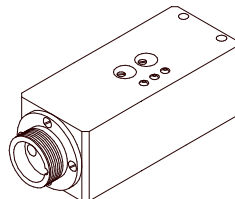
Constant light amplifiers:



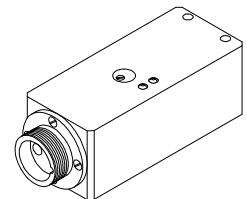
TLB-CON2



TLB-CON11



TLB-CON2-LWL



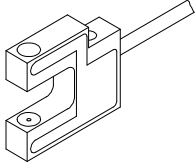
TLB-CON11-LWL



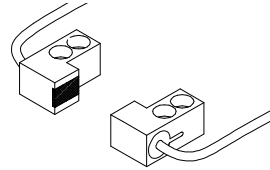
Product Line

Fork light barriers:

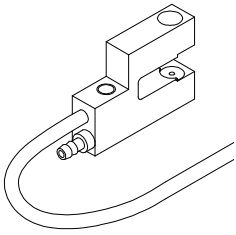
Split light barriers:



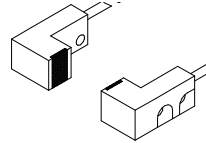
FKB-06-...



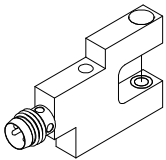
SLB-01



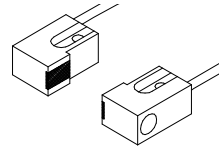
FKB-06-...-BL



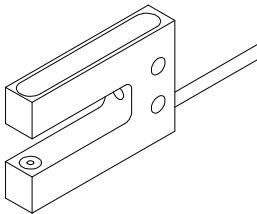
SLB-02



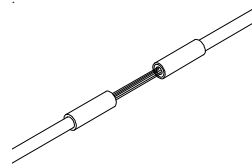
FKB-06-...-M8



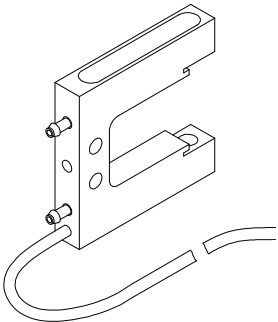
SLB-03



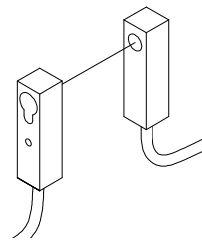
FKB-08-...



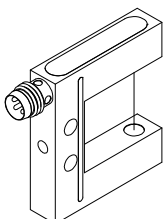
SLB-04



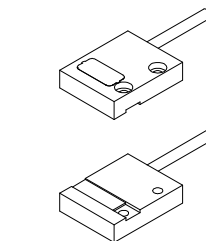
FKB-08-...-BL



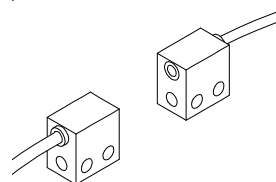
SLB-05



FKB-08-...-M8



SLB-06



SLB-08