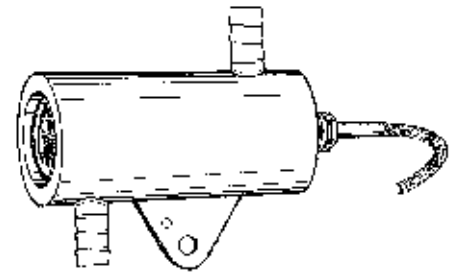


Piros thru-beam sensor for material monitoring and object detection in steel and rolling mills.



### Technical data

|   |  |
|---|--|
| <b>Type</b>                                       | <b>LLSB 501.23 G</b>                   |
| Art.-No.  | 5106A                                  |
| Function  | receiver                               |
| Usable with transmitter                           | LLAB 501.2<br>Art.-No. 5107A           |
| Range   | 50 m                                   |
| Permissible ambient light                         | 5000 lux                               |
| Output <small>closed by beam-interruption</small> | normally open                          |
| Supply voltage                                    | 10 – 30 V DC                           |
| Ripple voltage                                    | < 15%                                  |
| Load current max.                                 | 0 - 100 mA                             |
| Short circuit protection                          | yes                                    |
| No-Load current                                   | < 20 mA                                |
| Voltage drop                                      | < 2 V                                  |
| Operating frequency                               | 1500 Hz                                |
| Ambient temperature                               | -10 ... +50 °C<br>without cooling      |
| Protection class                                  | IP 67                                  |
| Connection  | 2 m POKT-Therm<br>cable                |
| Function display                                  | LED                                    |
| Housing material                                  | stainless steel<br>with cooling jacket |

### Diagram of Connections

