

### Monitoring of a walking beam furnace

Applied: Piros true-beam sensor  
LAA 201.1 D (transmitter)

LSD 201.13 G with fibre optic cable and optic  
OAC 204 (receiver)

HL 133 (furnace window)



The Piros light barrier controls the interior as to position and size of the rolled stock.

In case of this installation the pipe going into the furnace is stopped in front of the stop by means of the light barrier signal and occupation of the walking beam is checked.

The Proxitron furnace window prevents flames from leaving the furnace by means of overpressure.



Factory photos: Mannesmannröhren-Werke