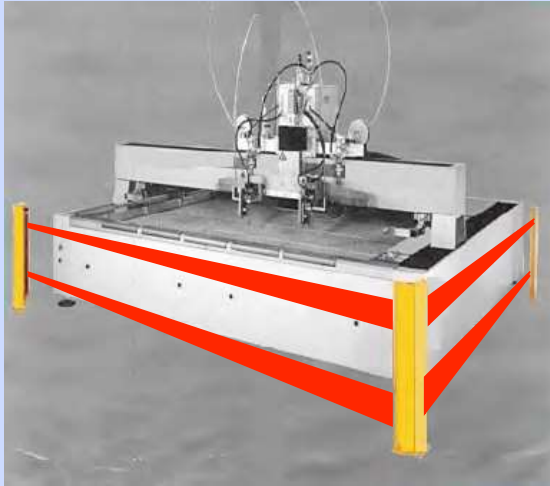


Safety light grid for areas with heavy dirt accumulation



Safeguarding areas with heavy dirt accumulation



E.g. Saw mills, Stone saws, Waterjet cutting machines

DIN EN ISO 9001
Req.Nr. 96007

Typ 4
EN 61496

**Safeguarding outdoor areas
(i.e. in case of precipitation such as snow)**



**Switches off only if the beams are interrupted
by a person entering the area**

optional

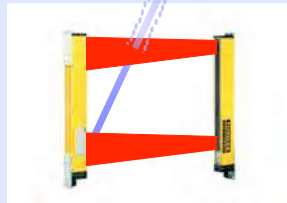
Short response time



Detection range up to 60 m

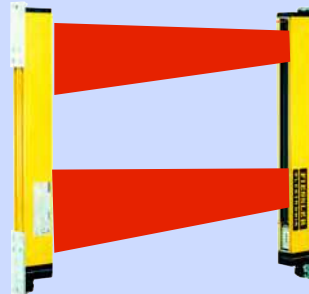
Application

The use of conventional safety light barriers in environments with heavy soiling caused by flying chips, dusts, vapors such as in saw mills, water jet facilities, etc. often turns out to be problematic, as these light barriers shut off as soon as their light beams are interrupted by chips, dusts or steam entering the protective field.



The 2- or 3-beam Fiessler Elektronik safety light grids XLVT-VS protect these special areas in a way that a machine stop is possible only by the interruption of the beams by a person entering the protective field.

The special optics of the safety light grid XLVT-VS ignore the presence of steam, water splashes, waterjets, sawdust, chips, and dusts within the protective field to the greatest possible extent. Only the presence of a large-surface object interrupting the beams will release the safe switching-off of the safety light grid.



Technical data

ULVT500/2/60

safety class: 4
detection range: 60m
number of beams: 2

response time: 4ms
power supply:
24 VDC +20% -10%
integrated adjustment and soil indicator
functions:
EDM
restart interlock

ULVT800/3/60

safety class: 4
detection range: 60m
number of beams: 3

response time: 4ms
power supply:
24 VDC +20% -10%
integrated adjustment and soil indicator
functions:
EDM
Restart interlock