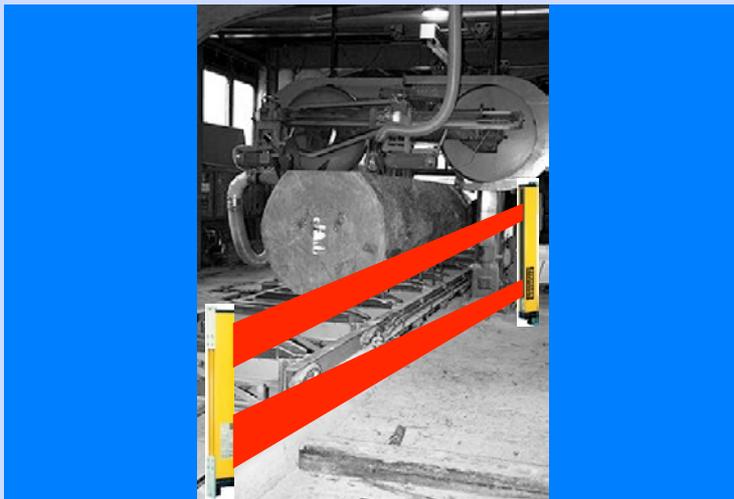
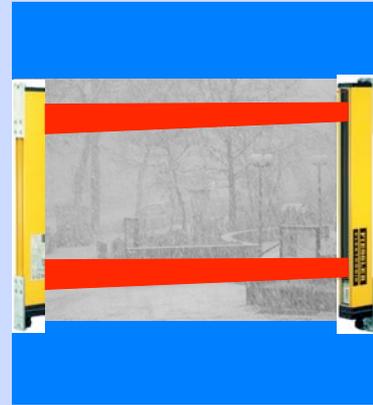
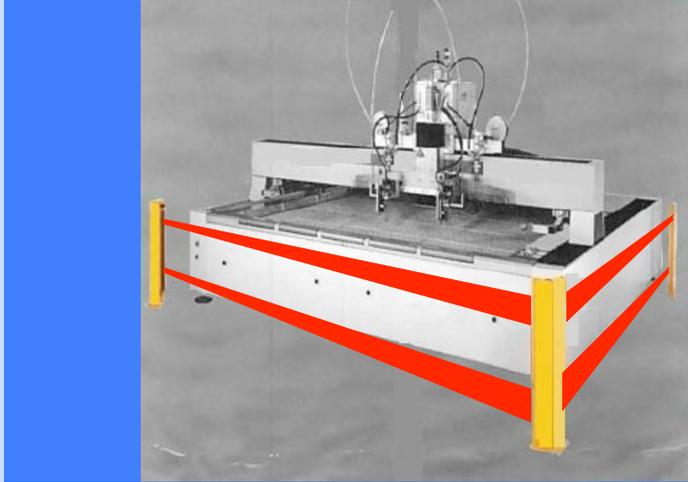


### Safety light grid for areas with heavy dirt accumulation



**Safeguarding areas with heavy dirt accumulation**

**-Sawmills**

**-Stone saws**

**-Water jet cutting facilities**

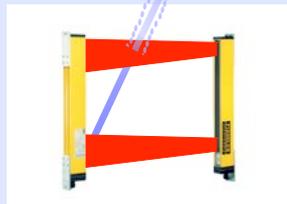
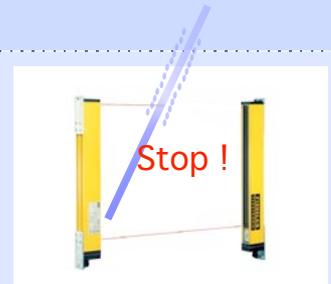
**-Safeguarding outdoor areas (i.e. in case of precipitation such as snow)**

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

**Detection range up to 60 m**

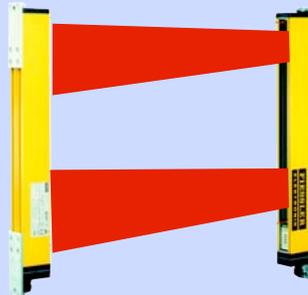
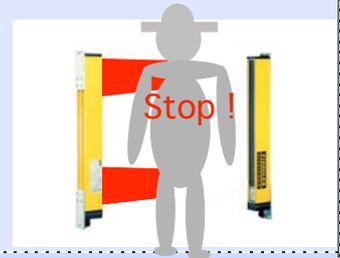
#### fields of application

The use of conventional safety light barriers in environments with heavy soiling 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 grid 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

##### order no.:

##### 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