

## SensoWeb „Slalom“

Web break detection in single tier drying groups

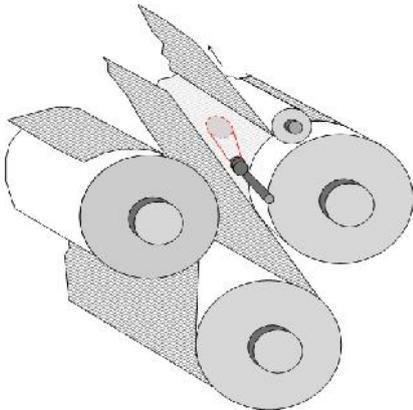
SensoWeb “Slalom” is the most powerful version of our renowned detector series. It allows counting on classic infrared sensors also in single tier drying groups, thanks to its innovative features:

- highest light intensity (switching range 2000mm with fibre optic)
- minimum space requirement: the sensor head stays outside cylinder range
- withstands even extreme pollution thanks to effective air purge



Thus SensoWeb “Slalom” offers an interesting alternative to costly colour sensors and the like as it is *not affected* if wire colour changes or deteriorates!

### Application:



SensoWeb “Slalom” is installed at the end of a drying group, exactly in that position where the paper web has already left the wire and does run shortly on the blank cylinder.

Thanks to the fibre optic principle the sensor can be mounted outside the drying hood and so does not require cooling. The sensor head is specially designed to deal with the given high pollution, the sensor features optionally an intensity display or an analogue signal (4-20mA) for extended pollution monitoring.

The sensor head looks onto the paper web from outside the cylinder range in an angle of app. 35°. The angle can easily be adjusted with the ball joint head; further alignment horizontal and radial in the mounting plate, vertical by means of an optional i-bar bracket. Optimum alignment is yielded with the optional “Intensitester”.

The components of SensoWeb “Slalom” include the sensor, the air flushed sensor head, a shielded fibre optic cable and mounting brackets for sensor and sensor head. All components are matching our proven heavy duty standards.

No dependence from felt changes, minimum space need, maximum light intensity, extreme withstand against high temperature, vapour and pollution - SensoWeb “Slalom” is the ideal choice for secure web break detection in single tier drying groups.

## Technical Data/Configuration:

A) sensor:	FSP60A2-xxx2S ... intensity display FSP60A3-xxx2S ... additional analogue intensity signal FSP60A4-xxx2S ... intensity display and signal <i>(for further configuration details see table below)</i>
light source:	infrared, unfocussed
operating distance:	500 - 1200 mm
supply power:	24VDC / 115VAC / 230VAC
extraneous light sensitivity:	unaffected
output signal:	2 relay switch: paper/alarm; 2A/230VAC (others on inquiry) optional analogue signal (4-20mA)
signal indicators:	3 LED: paper / alarm / power optional intensity display
protection:	IP 65
connection:	cable connection / plug
mounting frame:	MR 329
B) fibre optic cable:	CO 12/ ... mm; common length 6/8/10/12/15/20 m; max 25m
C) sensor head:	cantilever "Slalom" (2,5 D alignment, air purge and ball joint head); length 400 mm mounting plate MP 150
ambient temperature:	sensor: - 10° ... + 50° C sensor head: up to +300°C
optional accessories:	<ul style="list-style-type: none"> <li>• i-bar bracket (heights 128-200mm / 200-340mm/340-600mm)</li> <li>• Intensitester: mobile intensity measurement device for service and occasional pollution control</li> </ul>

### Product key "FSP 60"

