

SensoWeb „Splice“

Splice Glue-Tape Detection

Tambours which get processed in subsequent calenders, coaters etc. are "spliced" with special adhesive tapes. In order to get that done without stopping the process, the tambours have to be synchronised in their circumferential speed.

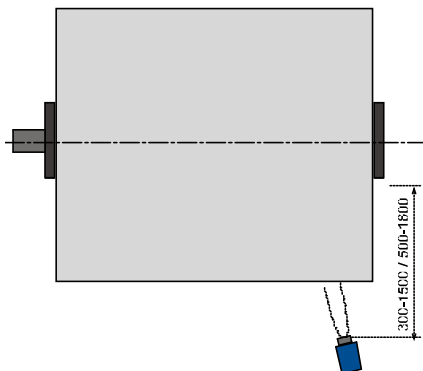
Whereas formerly separate marks had to be set in order to calculate the actual speed of the „new“ tambour, this can be spared with SensoWeb „Splice“: The sensor detects directly the applied connecting glue tape thus saving valuable work time.

Please note: SensoWeb „Splice“ has been developed specially for "repulpable" glue tapes, which means that they can be directly reprocessed into the pulper!

And last but not least: SensoWeb „Splice“ features a very wide sensing range, thus enabling to detect the glue tape on big as well as on small tambour diameters.

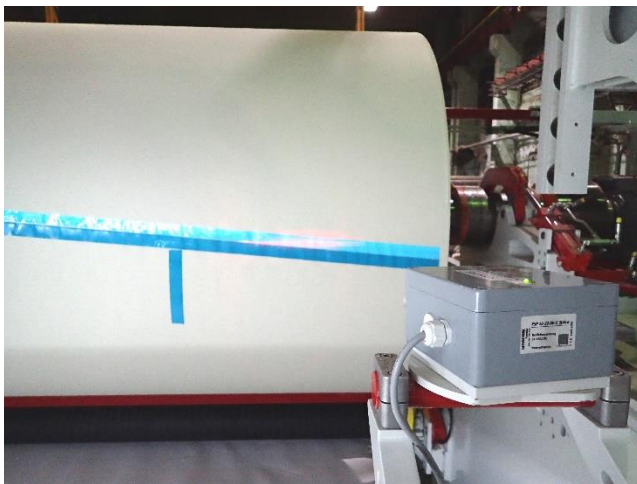


Application:



The sensor gets placed in a distance of min. 300 mm from the biggest tambour diameter.

The sensor is available in two versions for different working distances.



For easy alignment we recommend the optional mounting angle MF330flex.



Technical Data:

A) Sensor:	
Light source:	red light LED's
Working distance / sensing range*:	300 - 1.300 mm / 500 - 1.800 mm
Switching frequency:	10 kHz
Power supply:	24VDC / 230VAC
Sensitivity to extraneous light:	Insensitive
Output signal	PhotoMos-relay (300 mA / 70 VDC)
Signal indicators:	2 LED's: Signal / Power
Protection:	IP 65
Connection:	Clamp connection
Casing:	Fibre reinforced plastic
B) Accessory:	
Mounting angle MF 330flex	

* ... with white paper and suitable glue tape, e.gB. Tesa easy splice, 3M Scotch Ruban o.ä.