

Measurement of the Tambour Diameter

The laser distance measurement sensor LAD 42 measures the diameter of the tambour while the paper is rolled up on it. It works with much higher accuracy than common turning angle transmitters!

Applications:

- limiting the diameter of the tambour to avoid excess amounts (not accountable)
- Flying splice: measure the diameter of the tambour to calculate circumferential speed

Technical Data:

Sensing range:: 0,2 bis 50 m
 Accuracy:: +/- 3mm
 Resolution:: 0,1 mm (scalable)
 Frequency:: 5 Hz (up to 10 Hz)
 Power drain:: <1W
 Operating voltage:: 10-30 V DC
 Temperature range:: -10 bis +50°C

