

Paper production

Inductive Analoge sensor to
monitor the distance.



Analoge sensor MKU 215

In paper production, the future quality of paper or paperboard is considerably influenced by the headbox and in the forming section. Headbox and formation build up the first stage of a papermaking machine. In the former the stock is applied on the wire and here a uniform paper web is formed. During this process a huge quantity of water is drained. This process makes particularly high demands on sensors.

Besides the common machines with a fourdrinier section, also machines with additional top wire - the so-called Duo-Former™ or Hybridformer - and double wire machines - the so-called Gap Formers - are used.

Inductive analogue sensors from Proxitron check the position of the former, provided this is made of a metal strip or web, or entails metal particles. Slight changes in the position of the former can be detected and if the displacement becomes critical, the sensor can activate a signal to the machine control.

At a glance

- maintenance free
- robust
- waterproof plug connection
- RS 485 interface

Technical data MKU 215.19 S4

- Distance range max. from: 0 - 120 mm
- Location at metal: non flush mounting
- Output: 0 - 10 V
- Supply voltage: 24 V DC
- Interface: RS 485

Accessories

- suitable 3-pole angular coupling with moulded connection cable of 5 m length for analogous evaluation
- 5-pole angular coupling with moulded connection cable of 5 m length for additional use of RS 485 interface