

Customer Profile

Machine builder.

The Challenge

The customer was building a wire-intake control component for a machine. They needed a low-cost, effective way to ensure the wire was at the correct tension.

The Solution

Baumer 3mm to 30mm diameter inductive sensors provide non-contact sensing of the wire.

Product Features

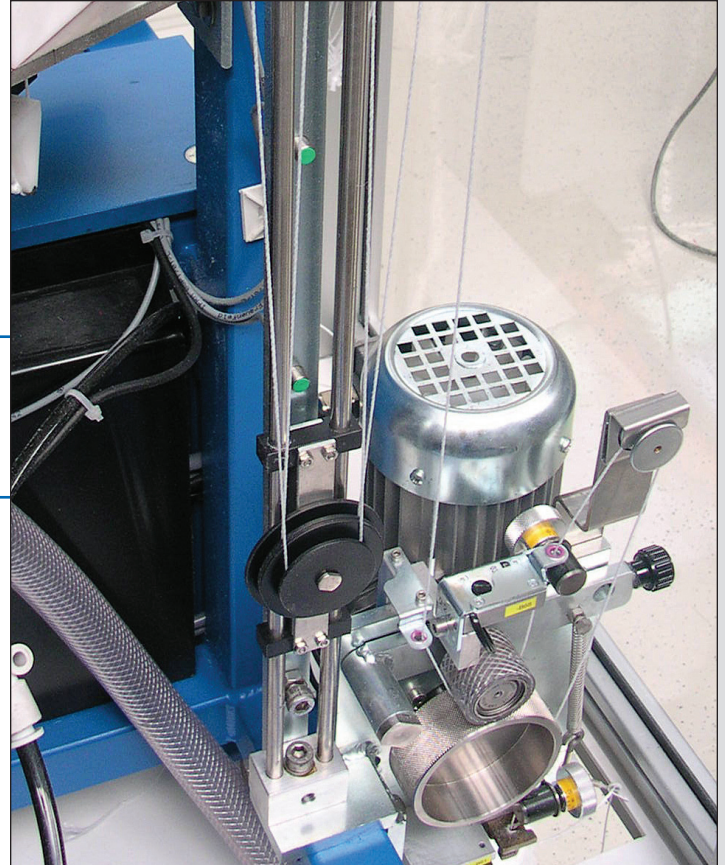
- Sensing distance up to 15 mm
- Switching frequency as high as 5 kHz
- IP 67 protection class
- Temperature range with a small temperature drift
- Short circuit protection
- Reverse polarity protection
- Stainless steel, brass nickel plated, or PBT housing

Benefits to the Customer

- Compact, rugged housing
- Non-contact sensing
- Self-contained
- Easy to install
- Perfect for heavy-duty applications

Market Opportunities

- Textile industry
- Machine tools
- Traffic and transportation
- Graphic industry
- Handling and robotics
- Special machines
- Process industry



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