

# RT406-2C | Rotary Temperature Transmitter

*TempTrak® All-Digital Technology  
For Precise Godet Temperature Control*

The RT406-2C is a multi-channel temperature measurement system designed to monitor and control temperature on heated godet roll shells. Digital circuitry in the rotating transmitter and the stationary receiver are immune to electrical noise and drift. Generous 5 to 25 mm clearance between the rotating and stationary parts eliminate rubbing or impacting – a common failure cause in other designs. Error detection modes protect heater from damage and expedite troubleshooting in the event of a sensor or other failure. The system features dual CAN bus digital communication and is a drop-in replacement for the 6-channel Neumag Multichannel Godet Controller used on Neumag S5 and NPT machines.

- Dual CAN bus I/O emulates Neumag S5 and NPT
- Built-in PID loop control
- Generous 5 to 25 mm rotor-stator clearance
- Digital circuitry from sensor input to signal output



## FEATURES

**Accurate** ■ Within  $\pm 0.5^{\circ}\text{C}$  across entire sensing range.

**Robust** ■ Fully encapsulated electronics with generous clearance between rotor and stator.

**Neumag Compatible** ■ A true drop-in replacement that works with existing wiring and process control systems.

**Versatile** ■ Other I/O schemes available

**Digital Circuitry** ■ Maintains calibration and is immune to electrical noise and drift.

**Intelligent** ■ Protects heater if sensor or transmitter malfunctions.

**Product Support** ■ Backed by BEI's reputation for the strongest customer support in the industry including a two-year warranty.

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