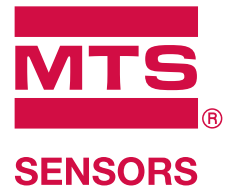


# Temposonics®

Magnetostrictive Linear Position Sensors



## ET Analog / SSI / Start/Stop Product Brief

- ▶ **Global approvals:**  
ATEX / IECEx / CEC / NEC
- ▶ **Compact installation dimensions**
- ▶ **High operating temperature up to maximum +105 °C (+221 °F)**



## STAYS COOL...

### DESPITE ENORMOUS HEAT

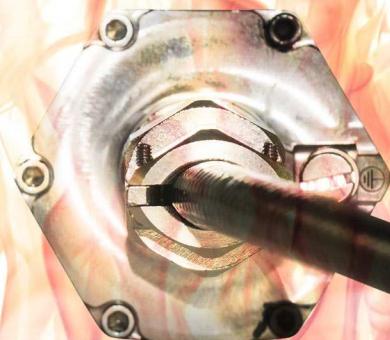
The ET sensor has a wide operating temperature range of  $-40\text{ °C}$  ( $-40\text{ °F}$ ) to maximum  $+105\text{ °C}$  ( $+221\text{ °F}$ ). Under these varied conditions the sensor is able to accurately reproduce the measured values.

### AND EXTREME CONDITIONS!

Your application operates in a hazardous environment? The ET offers ATEX, IECEx, CEC and NEC certifications allowing for safe use in hazardous applications. The sensor is designed for use in Class I, II, III Division 2 as well as in Zone 2 and in Zone 22.

### TYPICAL APPLICATIONS

Gas turbines, valves for turbines, energy cylinders, wood processing, steel plants.





**Document Part Number:**  
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## LOTS OF TECHNOLOGY IN A SMALL SPACE

The compact housing of the ET sensor contains the latest technology of the E-Series. The ET is available with a Start / Stop interface, with an analog output for simple and direct measurements, and with a SSI interface for digital measurements. In addition to the Teflon® cable, a silicone cable can also be used in hazardous areas in order to transmit the measured values from the sensor.

<b>Analog</b>	4(0)...20 mA and / or 20...4(0) mA 0...10 VDC and / or 10...0 VDC	See data sheet for more information <a href="#">ET Analog</a> (Document part no. 551898)
	Operating temperature: -40...+85 °C (-40...+185 °F)	
<b>SSI</b>	SSI (Synchronous Serial Interface) – Differential signal in SSI standard	See data sheet for more information <a href="#">ET SSI</a> (Document part no. 551899)
	Operating temperature: -40...+90 °C (-40...+194 °F)	
<b>Start/ Stop</b>	RS-422 differential signal Serial parameter upload available for: Stroke length, offset, gradi- ent, status, serial number and manufacturer number	See data sheet for more information <a href="#">ET Start/Stop</a> (Document part no. 551676)
	Operating temperature: -40...+105 °C (-40...+221 °F)	

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