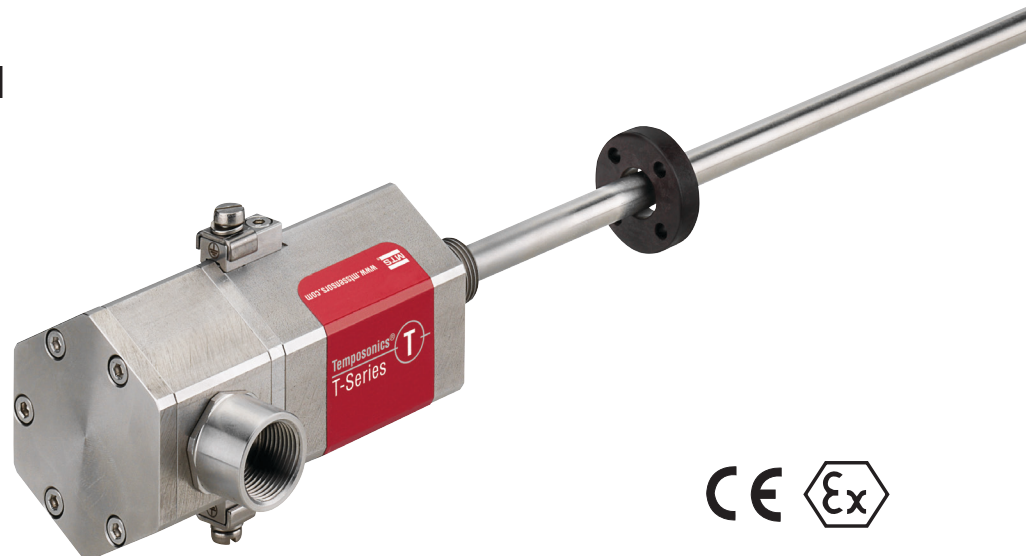


# Temposonics®

## Magnetostrictive Linear Position Sensors

### PRODUCT BRIEF T-Series TH Standard



The Temposonics® T-Series position sensor TH is designed for use in hazardous areas. The magnetostrictive position sensor offers an ATEX and IECEx Zone 0/1 flameproof and increased safety certification. The robust and durable sensor is resistant to environmental influences and works reliably. The sensor is available in an all stainless steel design 1.4305 and a highly corrosion-resistant stainless steel version 1.4404.

Features	
Output	4(0)...20 mA, 20...4(0) mA
Stroke length	25...7600 mm / 1...300 in.
Sensor rod	Ø 10 mm
Operating temperature	-40...+75 °C / -40...167 °F
Ingress protection	IP66, IP67, IP68, IP69K, NEMA 4X
Sensor electronics housing	1.4305 / AISI 303; 1.4404 / AISI 316L
Sensor rod	1.4306 / AISI 304L; 1.4404 / AISI 316L
Possible Applications	
<ul style="list-style-type: none"> <li>- For fuel control</li> <li>- For hazardous chemical</li> <li>- For petrochemical</li> <li>- For process safety demanding industries</li> </ul>	

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# Temposonics®

Magnetostrictive Linear Position Sensors

## PRODUCT BRIEF

### T-Series TH SIL 2 Capable



The Temposonics® T-Series position sensor TH is designed for use in hazardous areas and safety areas applications. The magnetostrictive position sensor offers an ATEX and IECEx Zone 0/1 flameproof and increased safety certification. Additionally, this sensor meets Safety Integrity Level SIL 2 standards. The robust and durable sensor is resistant to environmental influences and works reliably. The sensor is available in an all stainless steel design 1.4305 and a highly corrosion-resistant stainless steel version 1.4404.

Features	
Output	4...20 mA, 20...4 mA
Stroke length	25...1500 mm / 1...60 in.
Sensor rod	Ø 10 mm
Operating temperature	-40...+85 °C / -40...+185 °F
Ingress protection	IP66, IP67, IP68, IP69K, NEMA 4X
Sensor electronics housing	1.4305 / AISI 303; 1.4404 / AISI 316L
Sensor rod	1.4306 / AISI 304L; 1.4404 / AISI 316L

Possible Applications	
– For fuel control	
– For hazardous chemical	
– For petrochemical	
– For process safety demanding industries	

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