MOORE INDUSTRIES WORLDWIDE

STZ Functional Safety HART Temperature Transmitter
Model: STZ/PRG/4-20mA/12-42DC [BH2NG]

The SIL 2/3 capable, STZ Functional Safety Smart HART® temperature transmitter is designed for your SIS (Safety Instrumented System). It configures quickly and easily to accept a single or dual input from a wide array of sensors and analog devices located in hazardous and nonhazardous areas. Features of the STZ include device intelligence for sensor drift and corrosion detection, HART access control to prevent unauthorized or accidental reconfiguration, an input-to-output analog accuracy of up to ±0.014°C (±0.025°F) and more. Complete with dual input sensors, the STZ temperature transmitter ensures control over temperature measurements by making each individual sensor selectable and programmable. Save yourself from costly lost production time and hours of troubleshooting with an STZ Functional Safety Smart HART® temperature transmitter from Moore Industries.

Product Details

Input	PRG
Output	4-20mA
Power	12-42DC
Input Description	Dual Input Programmable for RTD, T/C, Ohms, mV or Potentiometer
Output Description	4-20mA
Power Description	2-Wire, Output Loop Powered
Housing Description	Aluminum Explosion-proof/Flameproof connection head with two entry ports
Output/Digital Communications	4-20mA with HART
For use in Safety Instrumented Systems (SIS)	Yes
Device Power	2-Wire, Loop Powered
Input	Configurable: Dual Sensor RTD, T/C, mV, Ohms, Potentiometer
Integral Display	Yes
Alarm/Relay Output	No
Intrinsically-Safe Input Connections	No
Configuration/Setup	PC Configurable, USB Cable, HART Configurable
Enhanced RFI/EMI Immunity	No
Isolation	Fully Isolated
Housing/Enclosure	Explosion Proof/Flameproof IP66 Field Mount Enclosure
2" Pipe Mount Bracket	No
Field Enclosure Conduit Connection	Standard (NPT)
Hazardous Area Certifications	Non-Incendive/Div. 2, Zone 2, Explosion