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

The SIL 2/3 capable STZ Functional Safety Smart HART® dual-input 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. This loop-powered transmitter provides an isolated and linear 4-20mA output proportional to the input. The resulting signal is ready for direct interfacing with a HART or non-HART based safety system. Some notable device intelligence features of the STZ dual-input temperature transmitter includes Sensor Drift and Corrosion Detection, Smart Range Alarms, and Input Simulation capabilities. Additionally, the STZ has an added security feature that allows users to set HART communication into a Read Only or Off mode. This model comes in a hockey-puck housing with display in an explosion-proof/flameproof aluminum field-mount enclosure with a glass cover.

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
Measurement Function for SIF/Loop	Temperature Measurement
Number of Analog Outputs	1
Device Power	2-Wire, Loop Powered
Integral Display	Yes
Housing/Enclosure	Explosion Proof/Flameproof Nema 4X/IP66 Field Mount Enclosure
2" Pipe Mount Bracket	No
Field Enclosure Conduit Connection	Standard (NPT)
Hazardous Area Certifications	Explosion Proof, Flameproof, Non-Incendive/Div. 2, Zone 2
RoHS Compliant	Yes