3KDE175513L9310

AI931N Analog Input, HART (AI4H)

General Information

Product ID	3KDE175513L9310
ABB Type Designation	AI931N
Catalog Description	AI931N Analog Input, HART (AI4H)
Long Description	The remote S900 I/O system can be installed in non-hazardous areas or directly in Zone 1 or Zone 2 hazardous area depending on the selected system variant. S900 I/O communicates with the control system level using PROFIBUS DP standard. The I/O system can be installed directly in the field, therefore the costs for mashalling and wiring are reduced.
	The system is sturdy, error-tolerant and easy to service. Integrated disconnection mechanisms allow replacement during operation, meaning that there is no need to interrupt the primary voltage in order to exchange the power supply units.
	S900 I/O type N. For installation in safe (= non-hazardous) area.
	AI931N Analog Input (AI4H), passive inputs for 0/4...20 mA.
	- Redundancy (Power and Communication)
	- Hot Configuration in Run
	- Hot Swap functionality
	- Extended Diagnostic
	- Excellent configuration and diagnostics via FDT/DTM
	- G3-coating for all components
	- Simplified maintenance with auto-diagnostics
	- Passive inputs for 0/4...20 mA
	- Short and break detection
	- Electrical isolation between input / bus and input / power
	- Common return for all inputs
	- 4 channels
	- Transmission of HART frames via the fieldbus
	- Cyclic HART variables

Additional Information

Medium Description	AI931N Analog Input, HART (AI4H)
Product Type	I-O_Module

Ordering

Country of Origin	Germany (DE)
Customs Tariff Number	8538909999

Dimensions

Product Net Length	104 mm
Product Net Height	20 mm
Product Net Width	104 mm
Product Net Weight	0.125 kg

Technical

Number of Channels	4
Channel Type	AI
Number of Input Channels	4

Classifications

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
Number of Batteries	0
RoHS Status	Following EU Directive 2011/65/EU

Categories

Control System Products → I/O Products → S900 I/O → S900 I/O - Modules → AI931N Analog Inputs → AI931N Analog Input

Control Systems → 800xA → I/Os → S900 I/O → I/O Modules

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