



PRODUCT-DETAILS

3KDE175513L9300

AI930N Analog Input, HART (AI4H)



General Information

Product ID	3KDE175513L9300
ABB Type Designation	AI930N
Catalog Description	AI930N 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 marshalling 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.
	AI930N Analog Input (AI4H), input and power supply for 4...20 mA loop powered 2-wire transmitters.

- 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
- Power supply for 4...20 mA loop powered 2-wire transmitters
- 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	Transmitter power supply, 4...20 mA.
Product Type	I-O_Module

Ordering

HS Code	853890 -- ELECTRICAL MACHINERY AND EQUIPMENT AND PARTS THEREOF; SOUND RECORDERS AND REPRODUCERS, TELEVISION IMAGE AND SOUND RECORDERS AND REPRODUCERS, AND PARTS AND ACCESSORIES OF SUCH ARTICLES;Parts suitable for use solely or principally with the apparatus of heading8535, 8536 or 8537;Other
Customs Tariff Number	85389099

Dimensions

Product Net Depth / Length	104 mm
Product Net Height	20 mm
Product Net Width	104 mm
Product Net Weight	0.135 kg

Technical

Channel Type	AI
Number of Input	4

Channels

Environmental

RoHS Status	Following EU Directive 2011/65/EU
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
Number of Batteries	0
SCIP	12a5b9d5-5606-4d04-aa83-c61713c9bcc5 Germany

Categories

Control System Products → I/O Products → S900 I/O → S900 I/O - Modules → AI930N Analog Inputs → AI930N Analog Input

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

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