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PRODUCT-DETAILS

## **3KDE175513L9300**

AI930N Analog Input, HART (AI4H)



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**General Information**

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|----------------------|----------------------------------|
| Product ID           | 3KDE175513L9300                  |
| ABB Type Designation | AI930N                           |
| Catalog Description  | AI930N Analog Input, HART (AI4H) |

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.

#### Long Description

- 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 | AI930N 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 | 0.135 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  |

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## Categories

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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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