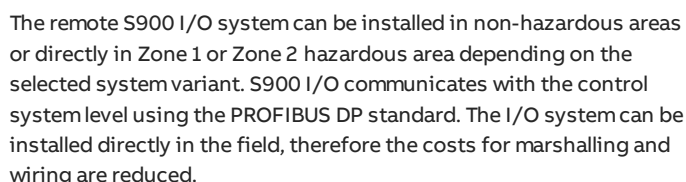


ABB Ability™ System 800xA® hardware selector



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

DATA SHEET AI931N (AI4H) | 2024-04-23 | Copyright © 2024 ABB

Environment and certification	
CE mark	Yes
Corrosive atmosphere ISA-S71.04	G3
Climatic operating conditions	Relative humidity max. 93 % +/- 3 % at 40°C
Max ambient temperature	-20 °C...60 °C
RoHS compliance	DIRECTIVE/2011/65/EU (EN 50581:2012)
WEEE compliance	DIRECTIVE/2012/19/EU
WEEE category	Small Equipment (No External Dimension More Than 50 cm)

Dimensions	
Width	20 mm (0.79 in.)
Depth	104 mm (4.09 in.)
Height	104 mm (4.09 in.)
Weight	0.125 kg (0.28 lbs.)

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