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PRODUCT-DETAILS

## 3KDE175531L9200

AO920S Analog output, isolated (AO4I-Ex)



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**General Information**

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Product ID	3KDE175531L9200
ABB Type Designation	AO920S
Catalog Description	AO920S Analog output, isolated (AO4I-Ex)

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 S. For installation in hazardous area Zone 1. For connecting intrinsically safe field devices installed in Zone 2 or Zone 1 or Zone 0.

Long Description	AO920S Analog Output (AO4I-Ex), output signal 0/4...20 mA for actuators. <ul style="list-style-type: none"> <li>- ATEX Certification for installation in Zone 1</li> <li>- Redundancy (Power and Communication) <ul style="list-style-type: none"> <li>- Hot Configuration in Run</li> <li>- Hot Swap functionality</li> <li>- Extended Diagnostic</li> </ul> </li> <li>- Excellent configuration and diagnostics via FDT/DTM <ul style="list-style-type: none"> <li>- G3-coating for all components</li> </ul> </li> <li>- Simplified maintenance with auto-diagnostics <ul style="list-style-type: none"> <li>- Output signal 0/4...20 mA for actuators</li> <li>- Short and break detection</li> </ul> </li> <li>- Electrical isolation between output / bus and output / power <ul style="list-style-type: none"> <li>- Electrical isolation channel to channel</li> <li>- 4 channels</li> </ul> </li> </ul>
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## Additional Information

Medium Description	AO920S Analog output, isolated (AO4I-Ex)
Product Type	I-O_Module

## Ordering

Country of Origin	Germany (DE) United States (US)
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	AO
Number of Output 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 → AO920S Analog outputs → AO920S Analog output

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

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