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PRODUCT-DETAILS

## 3KDE175361L9100

### DP910S Frequency Input (FI2-Ex)



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#### General Information

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Product ID	3KDE175361L9100
ABB Type Designation	DP910S
Catalog Description	DP910S Frequency Input (FI2-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	<p>DP910S Frequency Input (FI2-Ex), input for dry contacts or proximity switches.</p> <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</li> <li>- Frequency input for dry contacts or proximity switches <ul style="list-style-type: none"> <li>- Short and break detection</li> </ul> </li> <li>- Electrical isolation between input / bus and input / power <ul style="list-style-type: none"> <li>- Frequency measurement or counting applications</li> <li>- 2 Function blocks</li> </ul> </li> <li>- Reset via fieldbus or control input</li> <li>- Status outputs / Direction recognition</li> </ul>
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## Additional Information

Medium Description	Input for dry contact or NAMUR initiator.
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 heading 8535, 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	0.125 kg

## Technical

Channel Type	DI
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Number of Input Channels	2
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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	1442b87c-bd39-4b12-a023-766bcd36f760 Germany

Categories

Control System Products → I/O Products → S900 I/O → S900 I/O - Modules → DP910S Frequency Inputs → DP910S Frequency Input

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

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