DATA SHEET

DP910N (FI2)
System 800xA hardware selector

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 the 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.

DP910N Frequency Input (FI2), frequency input for dry contacts or proximity switches.

Features and benefits

- 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
- Frequency input for dry contacts or proximity switches
- Short and break detection
- Electrical isolation between input / bus and input / power
- Frequency measurement or counting applications
- 2 Function blocks
- Reset via fieldbus or control input
- Status outputs / Direction recognition

General info	
Article number	3KDE175363L9100
Type	Pulse counter
Signal type	Frequency input
SOE	Yes
Redundancy	No
Intrinsic safety	No
Mechanics	S900

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 (0.27 lbs.)

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