

CERTIFICATE

# EU Declaration of Conformity

3BDS014189      Revision: 09

We **ABB AB**  
721 80 Vasteras / Sweden

Manufacturer

declare under our sole responsibility that the equipments:

*Device:                      S900 Analog output isolated*

Type	Product Number	Designation
AO920S (AO4I-Ex)	3KDE175531L9200	S-System S900 Analog output isolated
AO920B	3KDE175532L9200	B-System S900 Analog output isolated
AO920N	3KDE175533L9200	N-System S900 Analog output isolated

comply with the requirements of the European Council Directives:

*Directive 2014/30/EU                      EMC*

*Directive 2014/35/EU                      LVD*

*Directive 2011/65/EU, (EU) 2015/863                      RoHS*

The setup and installation instructions of the relevant S900 system product documentation must be observed.

Minden, February 2023

Quality Manager:

*Lothar Lüt*

**EC-Type-Examination Certificate:**

AO920S  
PTB 00 ATEX 2200

AO920B  
PTB 03 ATEX 2078

**Production Quality Assessment Notification:**    **QA- responsibility**

**This product complies with the requirements of the European ATEX directive 2014/34/EU due to following European standards:**

AO920S  
EN 60079-0: 2012 + A11:2013  
EN 60079-11: 2012

*The ABB Ex-representative checked the valid HW revision of the product with the requirements of the current standard revisions for ATEX (2014/34 / EU). There are no technical adjustments to the product required.*

*Thus, the product also meets the technical requirements of the current revision of the standard:*

**EN 60079-0: 2018**

AO920B  
EN 60079-0 : 2018  
EN 60079-7 : 2015  
EN 60079-11: 2012

Additional information:

Production control follows the ISO 9000 regulations.

The following harmonized standards or technical specifications have been applied:

EMC (Electromagnetic compatibility)    DIN IEC 61326-1

LVD (Low Voltage Directive)

IEC 61010-1

Exclusively High voltage test 550V<sub>eff</sub> AC:

Separate circuits against each other, all circuits against earth.