

CERTIFICATE

# EU Declaration of Conformity

3BDS014187

Revision: 11

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

Manufacturer

declare under our sole responsibility that the equipments:

*Device: S900 Analog input, HART, HART passive*

Type	Product Number	Designation
AI910S (AI4-Ex)	3KDE175511L9100	S-System Analog input
AI910B	3KDE175512L9100	B-System Analog input
AI910N	3KDE175513L9100	N-System Analog input
AI930S (AI4H-Ex)	3KDE175511L9300	S-System Analog input HART
AI930B	3KDE175512L9300	B-System Analog input HART
AI930N	3KDE175513L9300	N-System Analog input HART
AI931S (AI4H-Ex)	3KDE175511L9310	S-System Analog input HART passive
AI931B	3KDE175512L9310	B-System Analog input HART passive
AI931N	3KDE175513L9310	N-System Analog input HART passive

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 Lutz*

**EC-Type-Examination Certificate:**

AI910S, AI930S, AI931S  
**PTB 00 ATEX 2058 X**

AI910B, AI930B, AI931B  
**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:**

AI910**S**, AI930**S**, AI931**S**  
**EN 60079-0: 2012**  
**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**

AI910**B**, AI930**B**, AI931**B**  
**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.