



## S900 I/O System - CI920S / CI920B replaced by CI920AS / CI920AB

### Executive Summary

The S900 PROFIBUS DP communication interfaces CI920S for Zone 1 and CI920B for Zone 2 are replaced by new backwards compatible equivalents.

This announcement is

- to inform end customers and sales channels to make use of the new components from this date onwards
- to kindly ask both, to renew any existing orders for CI920S and CI920B accordingly.

### Products Concerned

Following products of S900 Remote I/O System are replaced and will be transferred into 'Classic Phase' conform to ABB Lifecycle Policy:

Old Item ( Article no. )	New Item ( Article no. )	Item Description
CI920B V1.5.9 ( 3BDS014112 )	CI920AB V2.1.0 ( 3BDH000691R1 )	Communication Interface for Zone 2
CI920S V1.5.9 ( 3BDS014111 )	CI920AS V2.1.0 ( 3BDH000690R1 )	Communication Interface for Zone 1
BP910S ( 3KDE175831L9100 )	BP914S ( 3BSE067082R1 )	Intrinsically Safe PROFIBUS DP connector

Table 1: Replaced products

The replacement will be effective on 2012-11-19.

### Description

To be conforming to the ABB Product Life Cycle Policy the PROFIBUS DP communication interfaces CI920S and CI920B had to be updated. The new communication interfaces CI920AS and CI920AB support a function compatible replacement of the former units.

Following changes have been implemented into the new communication interfaces CI920AS and CI920AB:

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- Changed physical layer PROFIBUS DP RS485-IS to be according to the actual standards of PROFIBUS International (replacing former vendor specific RS485 Ex i physical layer)
- Changed hardware design to be according to current standards for explosion protection (EN 60079-0, EN 60079-11, EN 60079-15)
- Correction of known firmware problems within V1.5.9

The replacement also includes a new intrinsically safe PROFIBUS DP connector BP914S which can only be used in combination with CI920AS and CI920AB. Please note that the combination of new connector BP914S and the replaced CI920S and CI920B will destruct the communication interfaces.

Further details are described in the Release Notes and the Application Guide (*see table 2, References*).

Identity	Title
2PAA107377	S900 I/O System - Release Note CI920S / CI920B replaced by CI920AS / CI920AB
2PAA107378	S900 I/O System - Application-Guide CI920S / CI920B replaced by CI920AS / CI920AB

*Table 2: References*

## Support

Please refer to your regular business contacts.

**Your Sincerely,**

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ABB Automation GmbH