

# ABB Automation Products GmbH

## AC500 PLCs

### Product News – CM579-PNIO PROFINET IO

This innovative CM579-PNIO PROFINET IO module ensures a very high performance characteristic in terms of data volume and time response.

Ideal for use with:

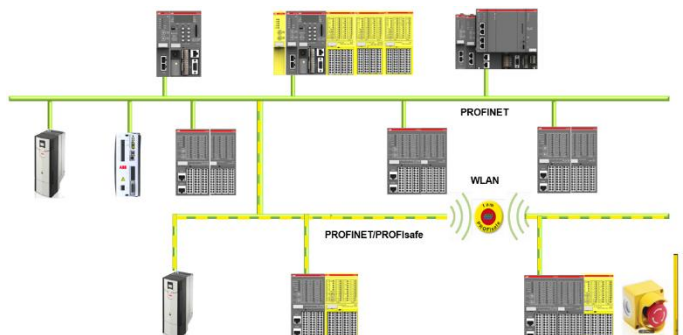
- Remote or distributed I/O solutions
- Safety (SIL3) applications using remote Safety I/O's

#### Features

- Extends PROFINET "IO controller" function to all existing AC500 CPUs enabling them to have PROFINET IO device connectivity
- Supports PROFIsafe protocol for communication with AC500-S safety PLC I/O modules connected through PROFINET IO Bus
- Internal Ethernet switch with 2 ports
- Transfer rate 10/100 MBit/s, full duplex
- Maximal 128 I/O Devices
- 100% compatibility with the existing CM579-PNIO modules such as 1SAP170901R0001 and 1SAP370901R0001 (XC).
- Existing CM579-PNIO could be replaced with the new one without any change in the project.
- Fully compatible with all existing CI5xx modules
- Reliable in rough environment due to eXtreme Condition version availability

#### Configuration

- Possible to engineer with Automation Builder 1.0.x with the old part numbers. Due to 100% compatibility this part number difference will not pose any problem.
- Also engineered with Automation Builder 1.1.x and compatible to work with all standard AC500 CPUs and existing PROFINET CI5xx modules.



18.12.2014

#### Ordering data

Order No.	Product
1SAP170901R0101	Standard module
1SAP370901R0101	The extreme version module

#### Contact details

##### ABB Automation Products GmbH

Wallstadter Str. 59  
68526 Ladenburg,  
Germany  
Phone: +49 (0) 6221 701-1444  
Fax: +49 (0) 6221 701-1382  
Email: [plc.sales@de.abb.com](mailto:plc.sales@de.abb.com)  
[www.abb.com/plc](http://www.abb.com/plc)  
[www.abb.com/drives](http://www.abb.com/drives)  
[www.abb.com/automationbuilder](http://www.abb.com/automationbuilder)

##### Note:

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB AG.

Copyright© 2014 ABB - All rights reserved