Product release information of the innovative CM579-PNIO module that uses the netX processor from Hilscher ensuring a very high performance characteristic in terms of data volume and time response for Profinet and Profisafe communications networks.

Ideal for use with:

— Remote or distributed I/O solutions
— Safety (SIL3) applications using remote Safety I/O’s

Dear Colleagues and AC500 users,
We are pleased to announce the product release of the new updated CM579-PNIO modules today. The new module will directly replace the existing modules 1SAP170901R0001 and 1SAP370901R0001 (XC version). Simply order the new version of the CM579-PNIO by using the new part numbers 1SAP170901R0101 and 1SAP370901R0101 (XC version) respectively. The standard module and XC versions will be available for order mid-January 2015 and will be the only modules available for order as this is a direct replacement.

Existing CM579-PNIO modules could simply be replaced with the new ones should the customer require the performance enhancements of the new module. Such replacement will not require any configuration changes to the project making this a direct replacement of older module.

Features of new CPUs

— 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
— Maximum 128 remote I/O devices per module
— 100% compatibility with the existing CM579-PNIO
— 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 environments due to eXtreme Condition version availability

Advantages for the customers

— netX processor from Hilscher ensures a very high performance
— Able to handle large volume of PROFINET data
— Real time Ethernet Performance with AC500 Platform
— Easy to configure and engineer with Automation Builder 1.1.x, if used in a new project
— PROFIsafe supported
— eXtreme version availability
— Easy integration with other ABB PROFINET products like Drives/Rots etc. and 3rd party devices supporting PROFINET
Ordering data

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1SAP170901R0101 *</td>
<td>CM579-PNIO Profinet Master Standard module</td>
<td>$1250</td>
</tr>
<tr>
<td>1SAP370901R0101 *</td>
<td>CM579-PNIO-XC Profinet Master module extreme condition version</td>
<td>$1634</td>
</tr>
</tbody>
</table>

*Please use new part number when ordering new or replacement CM579-PNIO modules

Do not hesitate to contact us for any further clarifications.

Support email: drivessupportline@us.abb.com
Support Phone: 1-800-752-0696