To register a product for POWERLINK certification, please contact the POWERLINK office at powerlink.office@br-automation.com. Submit the required test reports (see "Preparation" below) as part of your application.

This service includes:

1.   8h support
2.   Max. 2 complete certification test runs of the sent in device
3.   Detailed test report and certificate upon success

The POWERLINK certificate confirms that a device has successfully passed the POWERLINK conformance tests executed in accordance with the POWERLINK specification, the equivalent test specifications and test procedures.

Please note that the test specifications and the software used for the tests can be downloaded from the B&R website for free, so that applicants are able to pre-test their device. Furthermore, applicants are advised to buy a B&R CPU for additional tests that will be conducted during certification as described in the test specification.
The certificate is valid for the whole product family but only for devices with POWERLINK hardware and software identical to the one of the tested device.

Please complete this form, sign and return to:

B&R A member of
the ABB Group

B&R Industrial Automation GmbH
POWERLINK Office
B&R Straße 1
5142 Eggelsberg
Austria

powerlink.office@br-automation.com

_____

Application request from:

Company: _____
Department: _____
Address: _____
Contact person: _____
Phone number: _____
Fax number: _____
Email: _____

The certification of a POWERLINK device:

Certified Product Name: _____
Vendor ID: _____
Device Type: _____
HW Revision: _____
SW Revision: _____
XDD File name: _____

_____   _____
Place, Date   Signature of applicant

Validity:

A certified product automatically loses its certification if there are any changes to the hard- or software or to the device description file. A new certification can only be gained by undertaking a new certification test through the certification laboratory.

Quality and Support:

Please help us to guarantee an accurate process and therefore we ask you to provide us with the required material listed below in section "Preparation" on time and we strongly recommend that in case of any technical support to get in contact with your POWERLINK technology provider / integrator in first place.

Preparation:

- The XML Device Description file (.xdd) must be approved by the XDD-check tool and the resulting protocol must be supplied to B&R prior to the certification. The latest version of XDD-check tool is available from the B&R website (https://www.br-automation.com/en/technologies/powerlink/).

- The CN device (device under test) must be tested with the openCONFORMANCE test tool, and the resulting protocols must be supplied to B&R prior to the certification. This includes "Basic-Tests" as also the "Advanced-Tests" of openCONFORMANCE. The latest version of openCONFORMANCE test tool is available from the B&R website (https://www.br-automation.com/en/technologies/powerlink/).

- The CN device (device under test) must be tested with all test cases being conducted with the B&R X20 CPU as POWERLINK MN, and the resulting protocols must be supplied to B&R prior to the certification. During the certification the same tests are conducted that make use of a high-performance POWERLINK MN (not openCONFORMANCE). Further information about these tests and the hardware being used are available from the B&R website (https://www.br-automation.com/en/technologies/powerlink/). For Hardware requirements, please also contact the B&R POWERLINK office.

- The manufacturer's test of the product to be certified must be conducted with a qualified technician in attendance. Ideally, this person should be capable of solving minor observations in the device during the certification phase.

- The device must be independently and completely constructed by the applicant in conformance with all current valid legal conditions.

- The power supply for single-phase is 240 V AC and for three-phase 3 * 240 V AC max. 16 A respectively (socket changeover for AC and three-phase current)

Note: Only devices passing all test cases of openCONFORMANCE, as well as all test cases being conducted with the B&R X20 CPU as POWERLINK MN, pass the POWERLINK certification.