

# Customization of Automation Products

Connectors ▪ Labels ▪ Product sets  
Settings ▪ Cable length



Your Committed Enabler

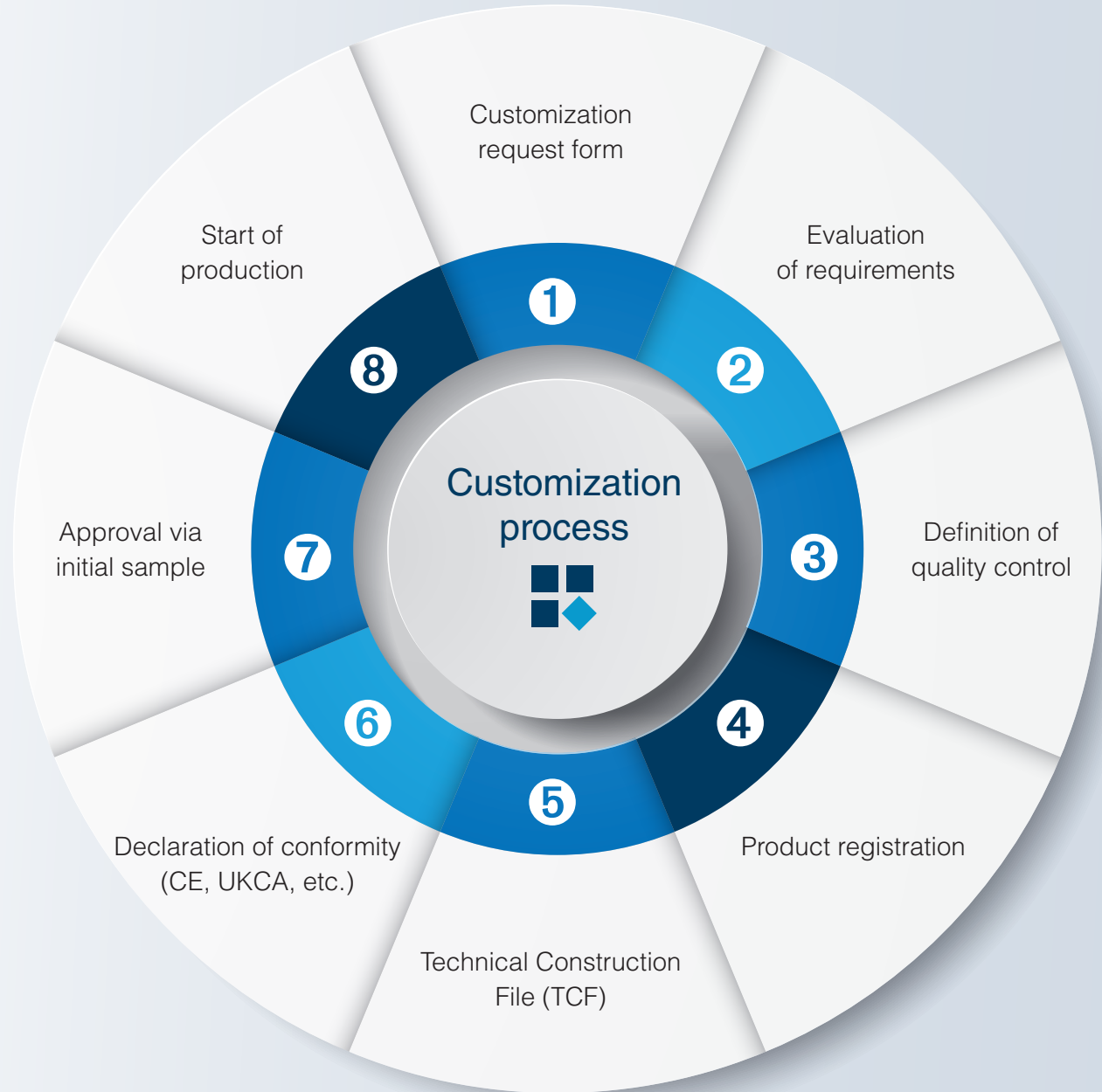
# IN Your Innovation

## Customization of automation products

Panasonic offers solutions that provide true customer value and superior competitive advantages.

Panasonic has been perfecting the art of customization for over 10 years. Our experts work with customers, engineers, and purchasing and logistic departments to configure the most suitable customized solution in terms of product modification, packaging, labeling, pre-assembly and other features. High quality is assured thanks to multiple product tests that are conscientiously documented.

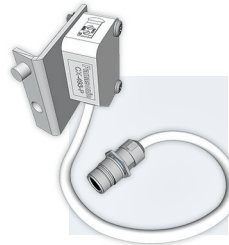
Customized automation products can reduce your production costs, avoid production errors, and improve the quality of your final product.





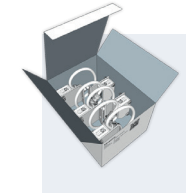
### Mounting connectors / modification of cable lengths

Depending on the customer's needs, Panasonic can shorten standard cables and mount connectors. Typical connectors are M8, M12 and MICRO-FIT connectors with 3 or 4 pins. Depending on the sensor model, it is also possible to integrate a connector in the sensor housing.



### Pre-assembly / complementary material

Accessories that can be ordered separately are usually packed and labelled individually. To save customers from time-consuming tasks like unpacking and assembling, Panasonic offers to assemble various accessories before delivery as one of the customizing services. Also screws or mounting material of the appropriate size can be added to the package of Panasonic automation products.



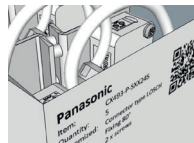
### Multi-unit packaging

For faster unpacking, a bigger quantity of identical products can be delivered in one single package. It is also possible to assemble different products in one set. The multi-unit package can contain for example sensors, timers & counters, a pre-programmed PLC, and all dedicated cables and mounting material so that all necessary components are available faster in series production.



### Pre-configuring sensors / PLC and HMI programming

To ensure fast installation of products in bigger production lines, sensors can be preconfigured, and controllers and human machine interfaces can be programmed before delivery.



### Labeling

Correct labeling avoids mismatching of products and improper wiring when installing a sensor in a machine. Also, if the cause of an error has to be determined, labeling plays an important role as it helps with traceability and finding the product number for ordering a replacement.



### Additional quality control

To also fulfil the end customer's quality policy, Panasonic delivers conformity declarations for RoHS, REACH and conflict minerals and of course CE compliance certificates also for the customized products. In addition, electrical tests, crimp height measuring, and mechanical stress tests like pull force testing can be done in order to fulfil the customer's quality control demands.



We are dedicated to the highest standards of global sustainability as  
**Your Committed Enabler**. Find out more on our [website](#).

## Panasonic Industry Europe GmbH

Caroline-Herschel-Strasse 100  
85521 Ottobrunn  
Tel. 49 89 45354-1000  
[info.pieu@eu.panasonic.com](mailto:info.pieu@eu.panasonic.com)  
[industry.panasonic.eu](http://industry.panasonic.eu)