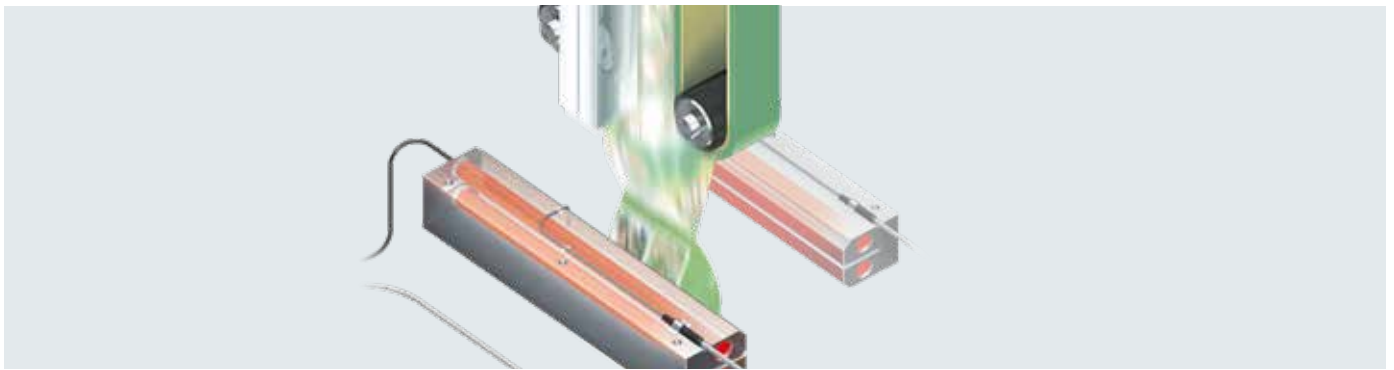


Proposal to reduce packaging defects

Maintain quality even under thinner packaging materials and packaging material changes for plastic free products

In order to reduce plastic waste, we are making changes in packaging materials and switching to sustainable materials. These challenges have complicated the control of temperature at the time of packaging and the packaging defect ratio has increased. In addition, it takes a great deal of time to adjust the temperature at the beginning of daily operation or at the time of occurrence of defects.



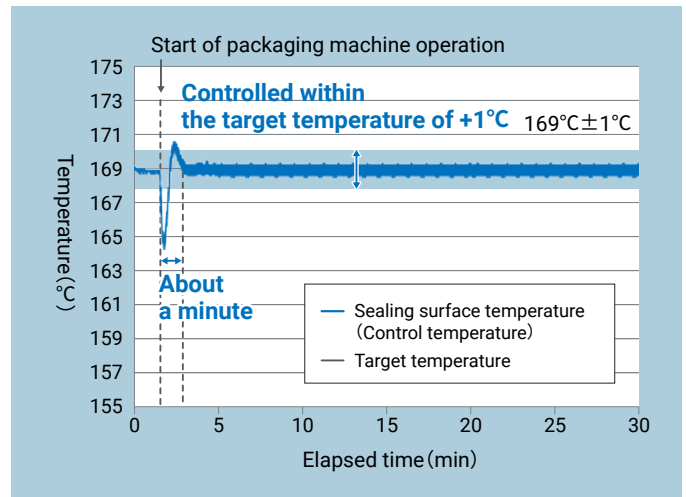
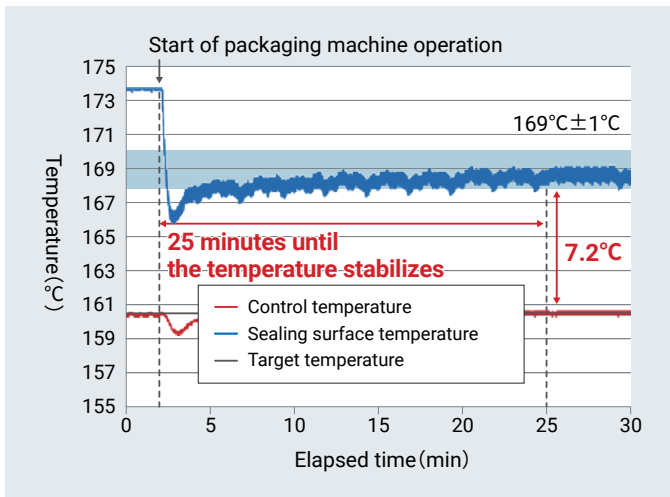
High-precision measurement of seal surface temperature and stable control are realized automatically

BEFORE

The sealing surface and the temperature sensor were separated from each other, and it was necessary to adjust the target temperature in consideration of the difference between the sealing surface temperature and the control temperature. It took long time for the temperature to be stabilized. In addition, fluctuations in the seal surface temperature during operation of the packaging machine could not be captured correctly, and it caused packaging defect.

AFTER

Omron's temperature sensor for the packaging machine can be installed near the sealing surface, and the sealing surface temperature can be controlled. With the "Automatic filter adjustment function" the sealing surface temperature can be stably controlled to the target temperature and temperature fluctuations during packaging machine operation can also be quickly suppressed.



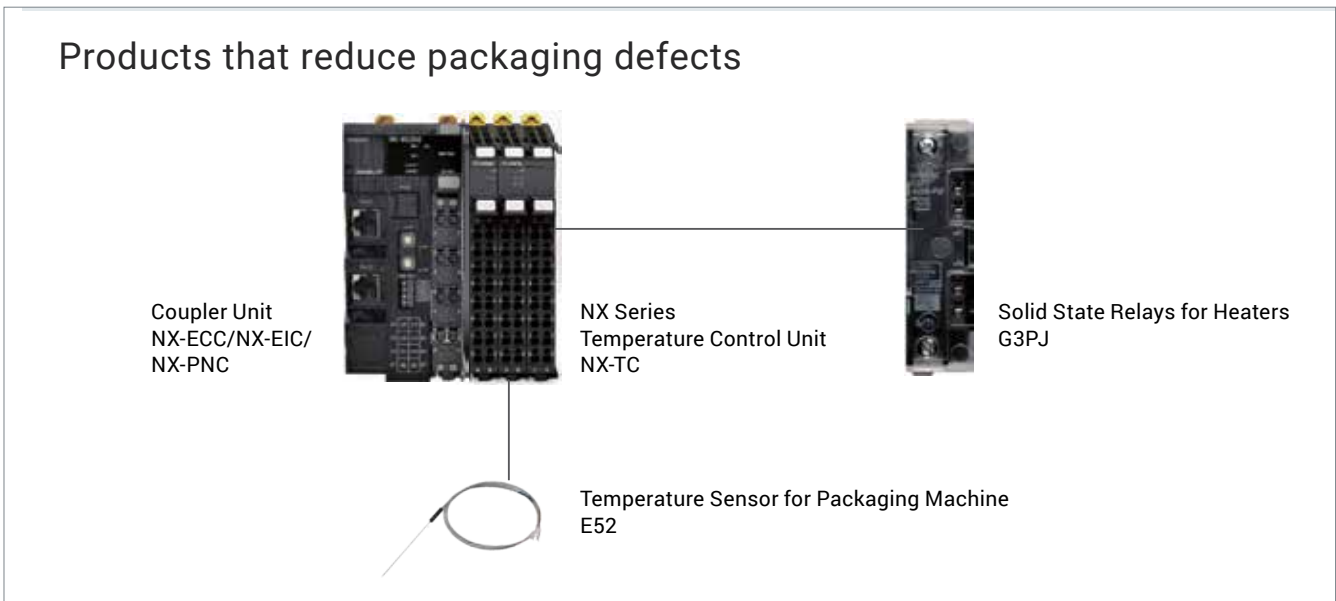
Offering products tailored to the various customers' networks

By using the coupler unit and the temperature control unit, NX-TC together, you can achieve the same temperature control in various networked environments.

Supports various network protocols



Products that reduce packaging defects



- The product photographs and figures that are used in this catalog may vary somewhat from the actual products.
- EtherCAT® and Safety over EtherCAT® are the registered trademarks and patented technology, licensed by Beckhoff Automation GmbH, Germany.
- EtherNet/IP™ is the trademark of ODVA.
- Other company names and product names in this document are the trademarks or registered trademarks of their respective companies.

Note: Do not use this document to operate the Unit.

OMRON AUTOMATION AMERICAS HEADQUARTERS • Chicago, IL USA • 847.843.7900 • 800.556.6766 • automation.omron.com

OMRON CANADA, INC. • HEAD OFFICE
Toronto, ON, Canada • 416.286.6465 • 866.986.6766 • automation.omron.com

OMRON ELECTRONICS DE MEXICO • HEAD OFFICE
Ciudad de México • 52.55.5901.4300 • 01.800.386.6766 • mela@omron.com

OMRON ELECTRONICS DE MEXICO • SALES OFFICE
San Pedro Garza García, N.L. • 81.12.53.7392 • 01.800.386.6766 • mela@omron.com

OMRON ELECTRONICS DE MEXICO • SALES OFFICE
Eugenio Garza Sada, León, Gto • 01.800.386.6766 • mela@omron.com

OMRON ELETRÔNICA DO BRASIL LTDA • HEAD OFFICE
São Paulo, SP, Brasil • 55 11 5171-8920 • automation.omron.com

OMRON ARGENTINA • SALES OFFICE
Buenos Aires, Argentina • +54.11.4521.8630 • +54.11.4523.8483
mela@omron.com

OTHER OMRON LATIN AMERICA SALES
+54.11.4521.8630 • +54.11.4523.8483 • mela@omron.com