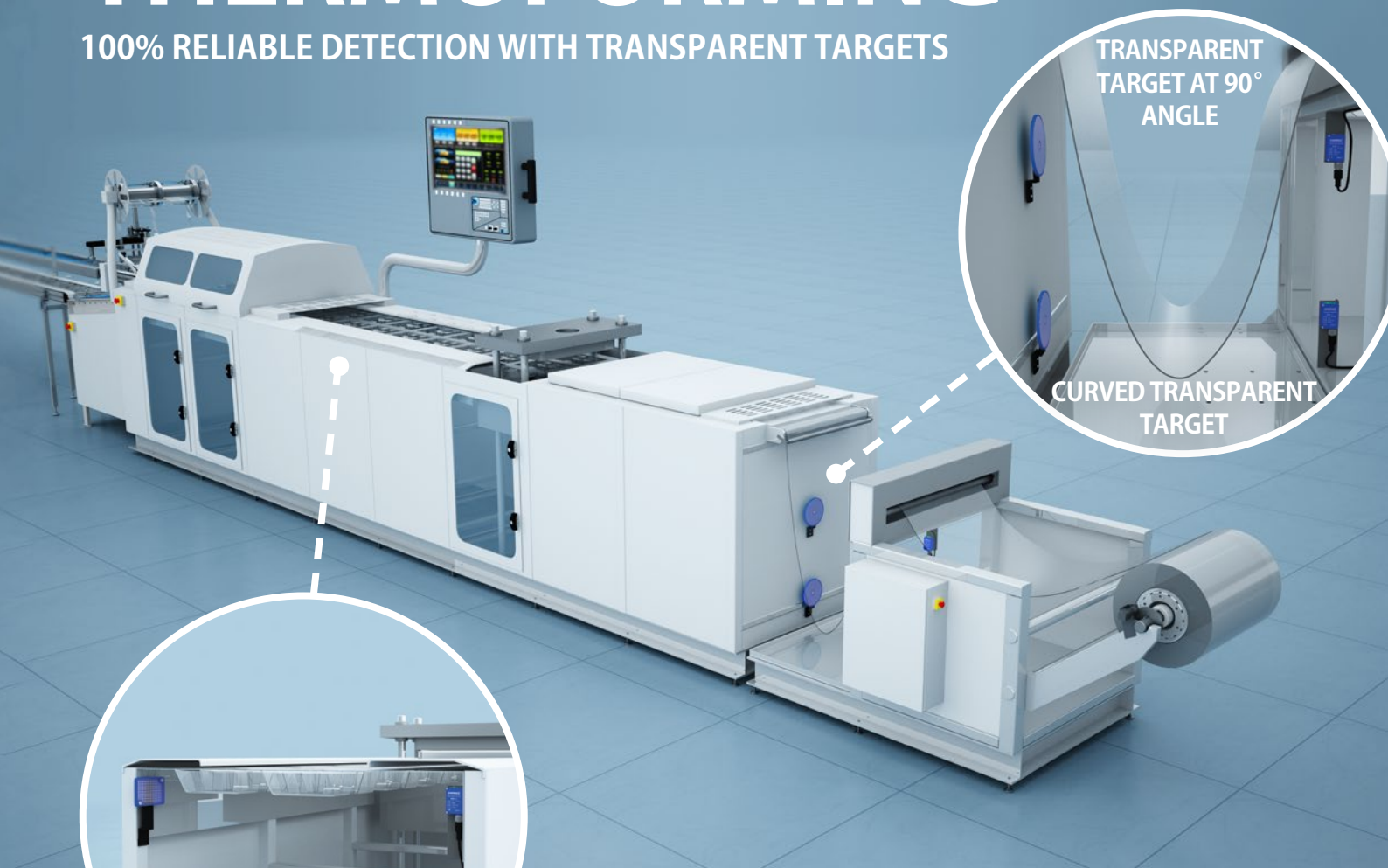


THERMOFORMING

100% RELIABLE DETECTION WITH TRANSPARENT TARGETS



TRANSPARENT
TARGET AT 90°
ANGLE

CURVED TRANSPARENT
TARGET

COMPLEX TRANSPARENT
SHAPE

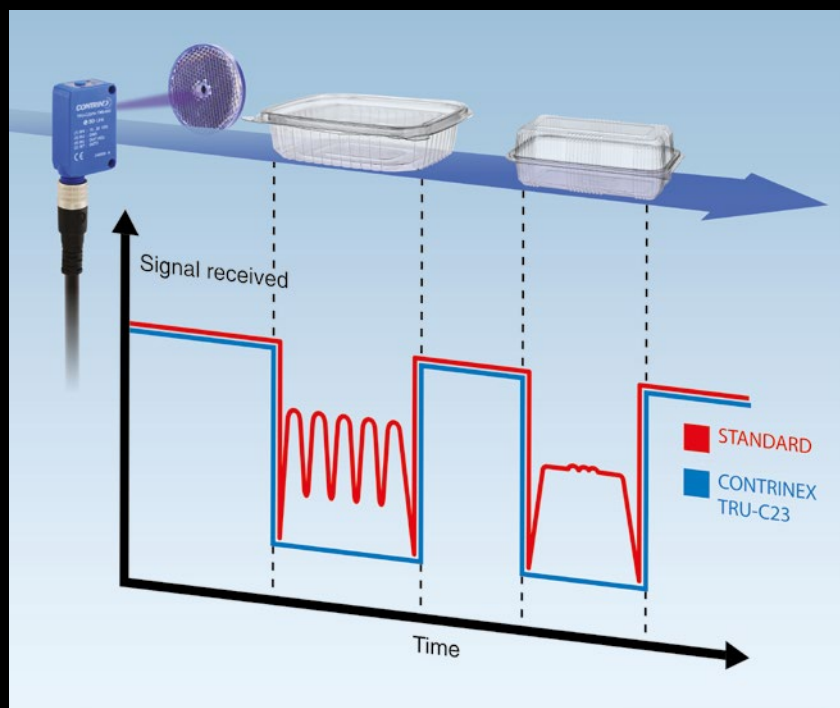
UV TECHNOLOGY

Insensitive to light distortion,
whatever the transparency, thickness,
shape or speed of the target



PACKAGING INDUSTRY

Due to high signal precision - even at edges - detection is independent of form factor and shape



OUTSTANDING PERFORMANCE

Contrinex TRU-C23 sensors with patented UV technology offer outstanding reliability and accuracy in thermoformed packaging systems. The high absorption factor of UV light ensures a high operating reserve, even with thin, transparent film. Targets can be detected close to the sensor or through a small notch, as autocollimation of the polarized UV light beam eliminates blind zones. Sensing stability is monitored and highly tolerant of contamination. All PNP types also feature a point-to-point IO-Link communications interface. This can be used for remote sensitivity retrieval and update, minimizing the need for manual intervention.

PART REFERENCE	ART. NO.	SENSING RANGE	ADJUSTMENT	OUTPUT*	CONNECTION**
TRU-C23PA-TMS-603	620-600-316	0...1200 mm	Teach or IO-Link	PNP, Light-ON + Dark-ON	Connector M8 4-pin
TRU-C23PA-TMS-60D	620-600-317	0...1200 mm	Teach or IO-Link	PNP, Dark-ON + Stability alarm	Connector M8 4-pin

* NPN versions also available **other connection possibilities available

ACCESSORIES - REFLECTORS FOR UV TECHNOLOGY

PART REFERENCE	ART. NO.	SIZE
LXU-0000-084	605-000-307	Ø 82 mm
LXU-0001-064	605-000-308	60 mm x 41 mm

See our website for more sensing, safety, and identification solutions for the packaging industry.

INDUCTIVE SENSORS



PHOTOELECTRIC SENSORS



SAFETY SENSORS



RFID



Terms of delivery and right to change design reserved.

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