

CONTRINEX

**MOST RELIABLE
TRANSPARENT
OBJECT
DETECTION**

**LIVE SENSOR
DATA FOR IOT**

IO-Link



PHOTOELECTRIC SENSORS

TRANSPARENT OBJECT

The Contrinex TRU-C23 photoelectric sensor is ideally suited for the presence control of transparent objects. Its patented technology uses UV light. Since transparent materials like plastic or glass absorb large amounts of polarized UV light, it is very easy to set the threshold at which the sensor switches. This makes commissioning much easier. The shape or thickness of the target has no influence on detection. In addition, sensor performance is unaffected by dirt, water drops or aging. Multiple switching for the same object is eliminated.



KEY ADVANTAGES

- ✓ Easy sensor set-up, even for thinnest transparent objects
- ✓ Low environmental sensitivity minimizes threshold adjustments and maximizes uptime
- ✓ Adjustment by teach or **IO-Link**
- ✓ IP67, Ecolab approved



Detection of clear plastic bottles

IO-Link

SERIES

Housing size mm

C23 UV Light

□ 20x30x10

C23 Red Light

□ 20x30x10

Reflex (s_n mm)

1200

5000