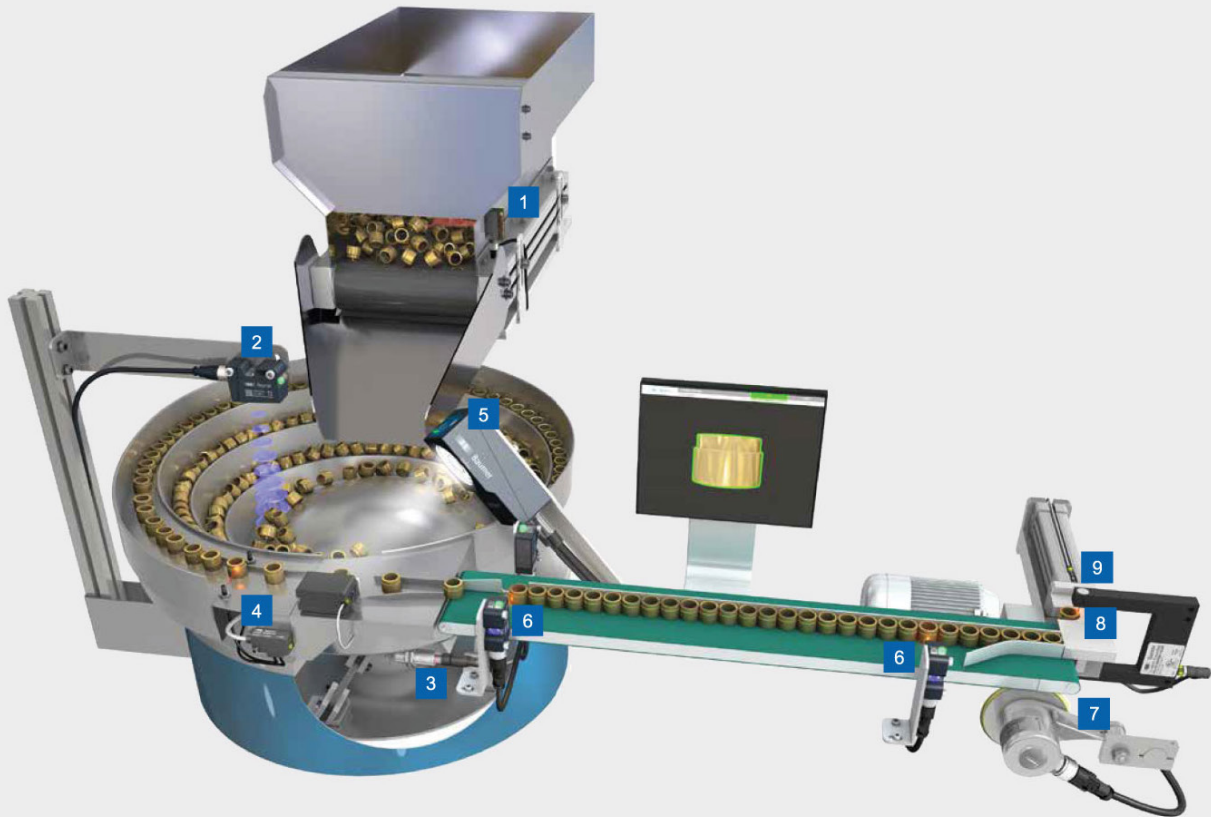


Application



application-optimized sensor solutions.

Product overview



Laser sensors



Ultrasonic sensors



Inductive proximity sensors



Fiber optic sensors



Smart vision sensors



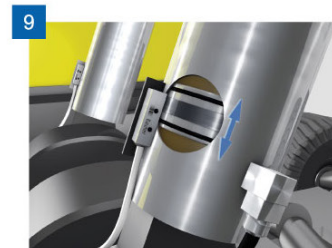
Photoelectric sensors



Encoder

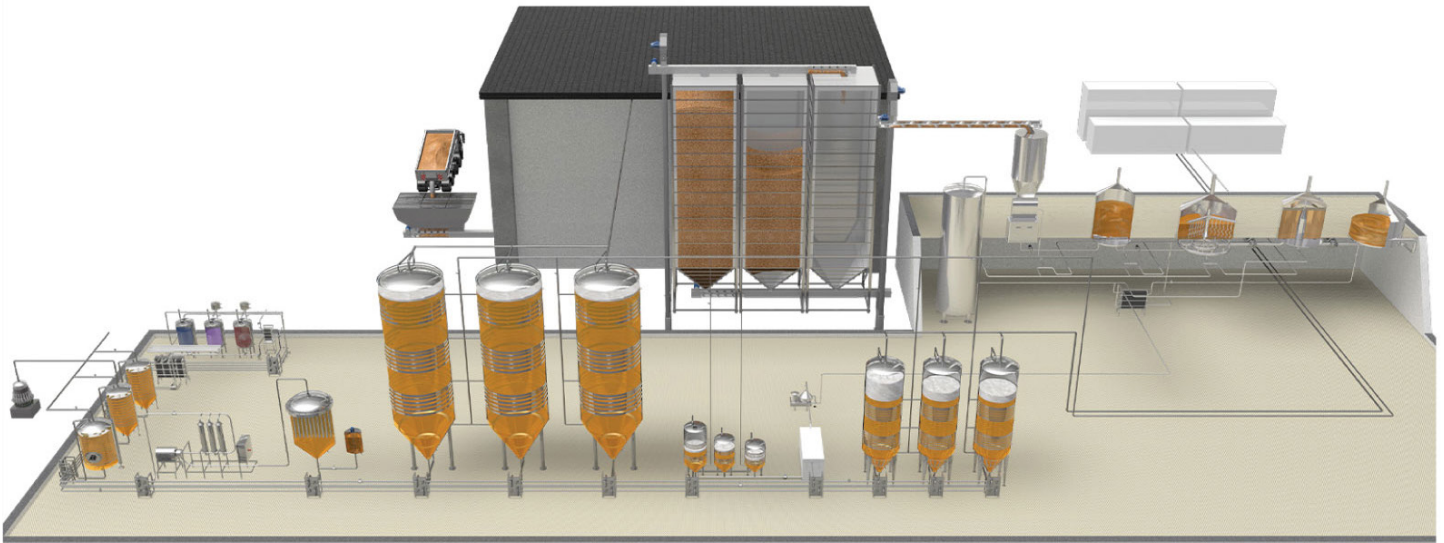


Fork sensors



Magnetic proximity sensors

Application



Flow



Liquid analysis



Level



Pressure



Hydrostatic

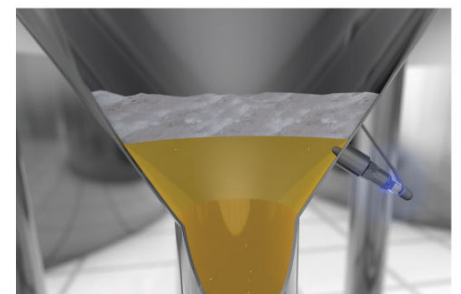
Baumer



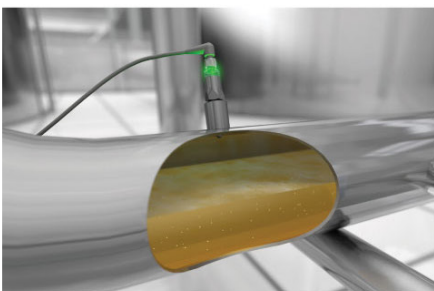
Volumetric measurement applications



Continuous hydrostatic level measurement



Foam and separating layer detection



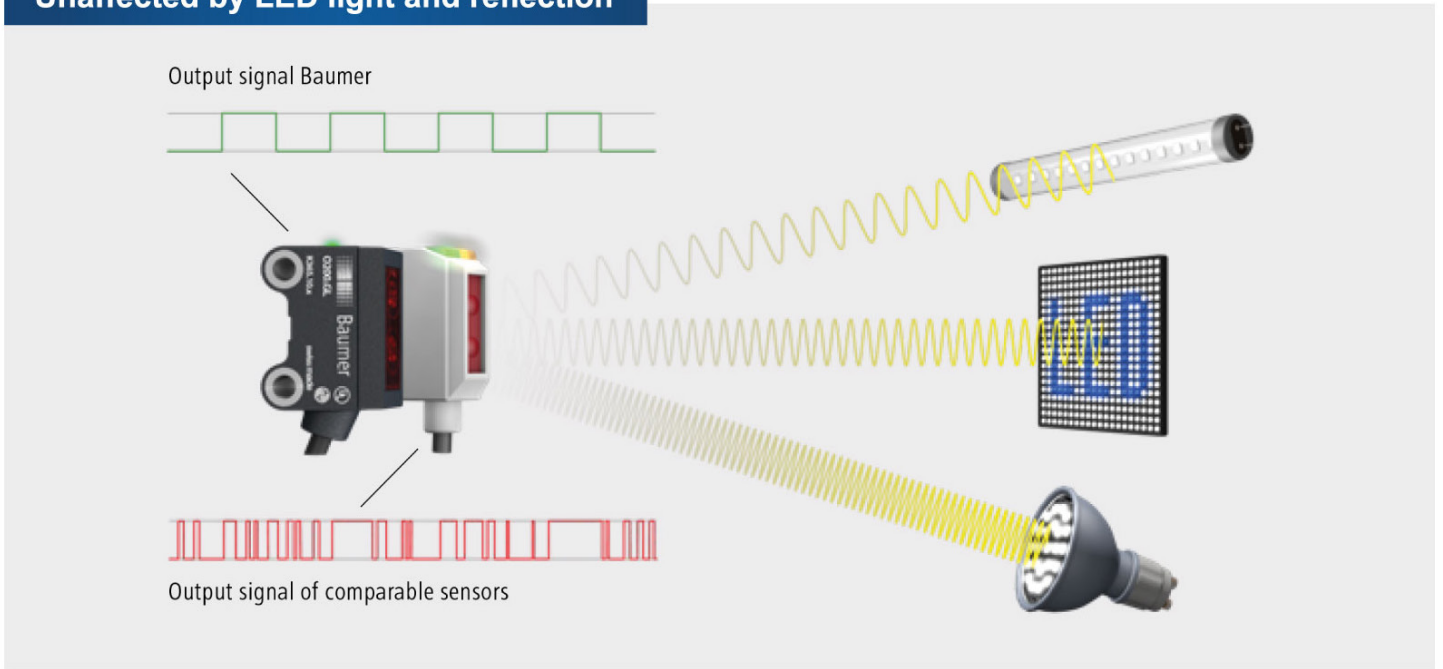
Dry-run protection for pumps



Robust KingCrown process

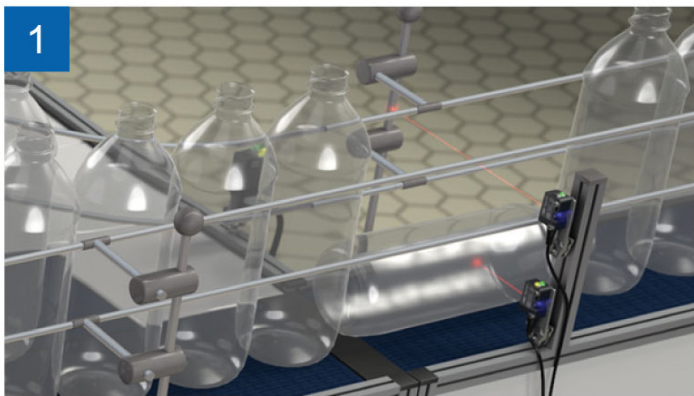


Unaffected by LED light and reflection

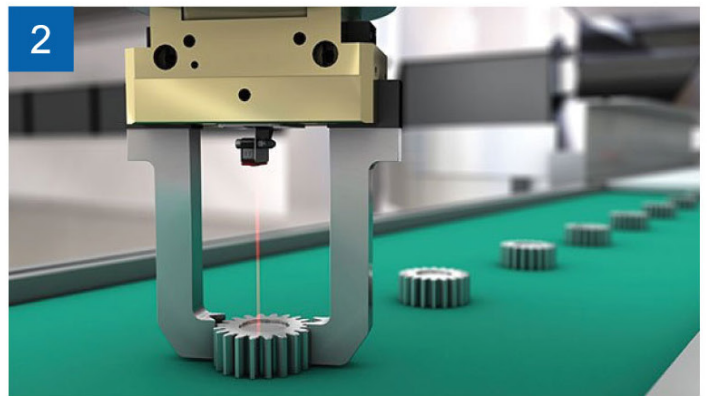


Application

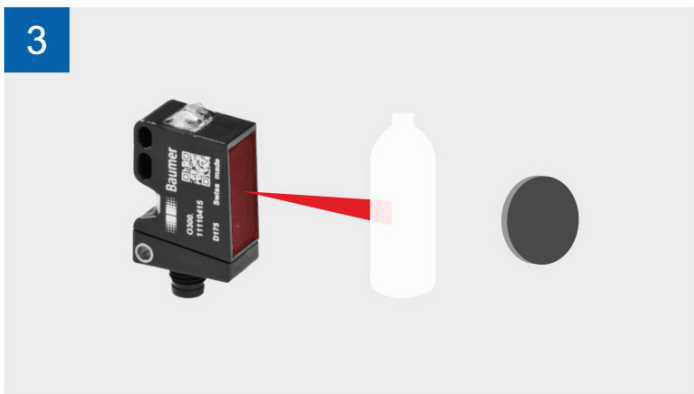
Baumer



SmartReflect - The light barrier without reflector



Part presence detection



Retro-reflective for transparent objects



SmartReflec
Transparent



Miniature Laser
sensors



Retro-reflective



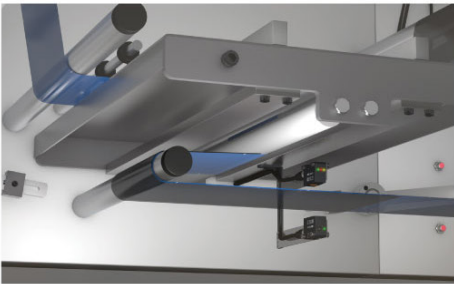
Ultrasonic sensors

U500 and UR18

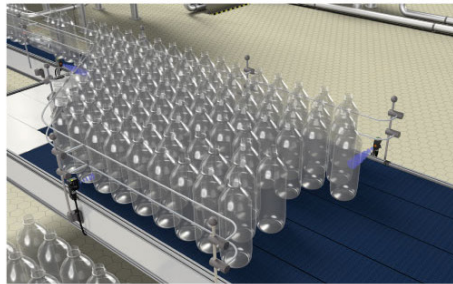
- Highest process reliability due to hermetically sealed sensor element
- IO-Link functionality for flexible parameterization
- Short blind range of 20 mm with a sensing distance up to 1500 mm

Large sensing distances

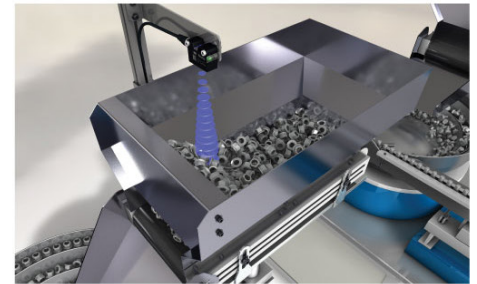
- Available with 2 independent switching outputs
- Sensing distances up to 6000 mm



Double sheet detection



Object detection in demanding environments



Level measurement in containers

IO-Link Master



Easy sensor connection

USB-C IO-Link Master

- Fast and easy connection of IO-Link devices to a PC and the Baumer Sensor Suite
- Compact IO-Link master perfectly ideal for testing and selection of IO-Link devices
- Future-oriented data interface and power supply via USB-C



IO-Link Master PROFINET

- Field device with IP67
- 8 ports for integrating the sensors for IO-Link communication or digital I/O
- 2 PROFINET interfaces
- Supports Modbus TCP and OPC UA



EIL580P

Industry incremental – 58 mm

- Shaft $\varnothing 4 \dots 10$ mm and hollow shaft $\varnothing 8 \dots 15$ mm
- Clamping flange, servo flange or square flange
- Blind or through hollow shaft
- Parameterization: Pulses per revolution 1 ... 65 536, output level HTL / TTL, signal sequence and zero pulse
- Programming with PC software or handheld device



Intuitive programming with web browser



Many programmable encoder features with PC software



Easy programming by handheld tool

Baumer

Incremental HeavyDuty encoders



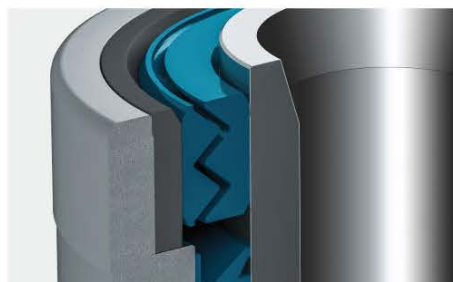
POG10

Design 115 mm – solid shaft with EURO flange B10

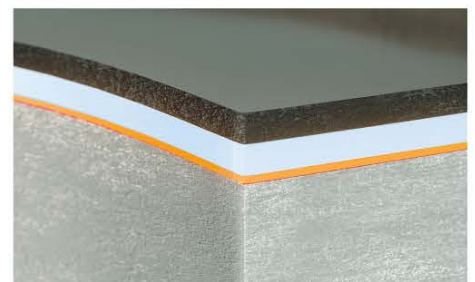
- Solid shaft $\varnothing 11$ mm with EURO flange B10
- 300 ... 5000 ppr
- Operating speed up to 12 000 rpm
- Operating temperature $-50 \dots +100$ °C
- Variants with housing base B3



Durable double-sided bearing setup



Long-term stable sealing concept



Outstanding, sea water resistant corrosion protection