



## Contrast sensors NT6, NT6

NT6-03042



**Model Name** > [NT6-03042](#)  
**Part No.** > [1007308](#)



*Illustration may differ*

#### At a glance

- RGB, white LEDs and red lasers
- Bar graph display visually indicates contrast performance (KT5, KT10)
- High switching frequency
- Various teach-in and manual potentiometer versions to meet individual requirements
- Automatic gloss adjustment for highly reflective materials
- A range of sensing distances and light spots for numerous applications
- Tough, compact metal housing

#### Your benefits

- Able to process all packaging materials (yellow mark/white background), resulting in high machine throughput
- Reliable operation, even with jittering webs and high-gloss materials
- High positioning accuracy improves packaging quality
- Simple teach-in and highly visible light spot ensure easy setup
- Simple to integrate into machines due to compact design
- Interchangeable lenses for maximum mounting flexibility
- A range of sensing distances, light spot directions and a 90° rotatable plug enables optimal integration
- Application-specific teach-in processes provide maximum flexibility

**The product has been discontinued. Please contact your SICK sales representative for more information about a replacement product.**



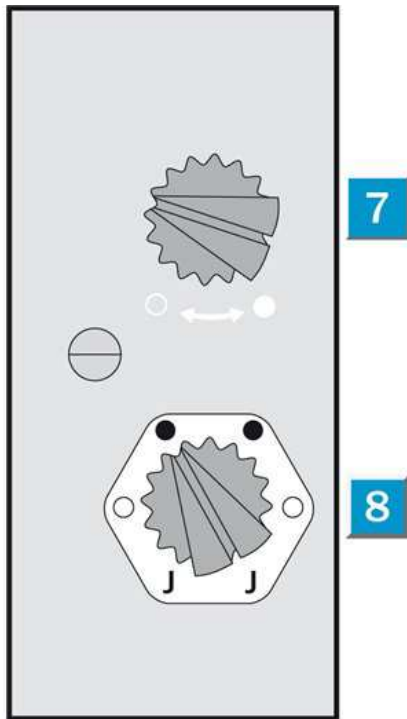
#### Features

Dimensions (L x W x H):	64 mm x 80 mm x 30.4 mm
Sensing distance:	16 mm
Sensing distance tolerance:	± 2 mm
Light source <sup>1)</sup> :	LED red, green
Light emission:	Long and short side of housing, exchangeable
Light spot size:	1.5 mm x 4 mm (red), 1.5 mm x 5 mm (green)
Light spot direction <sup>2)</sup> :	Vertical
Adjustment:	Manual adjustment, potentiometer

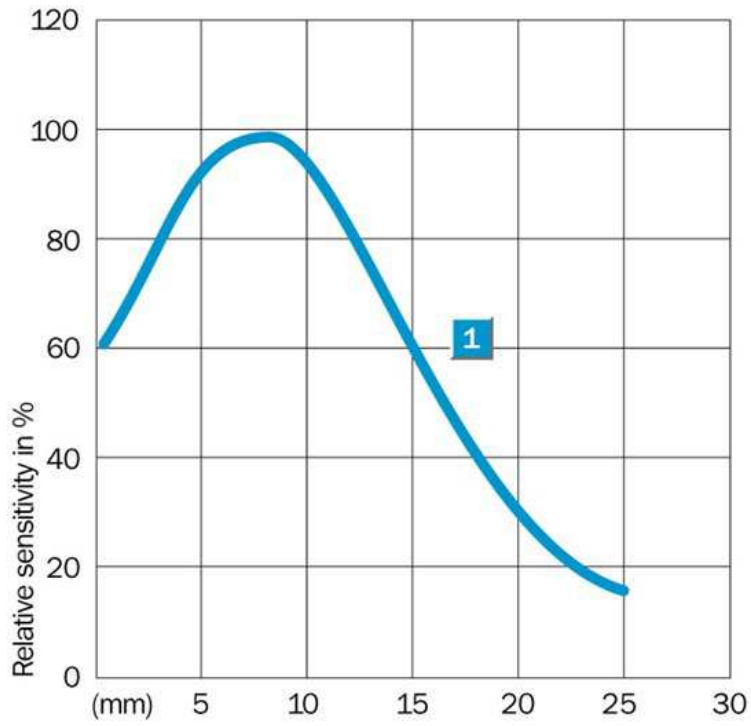
<sup>1)</sup> Average service life of 10,000 h at  $T_A = +25\text{ °C}$  <sup>2)</sup> In relation to long side of housing



## Adjustments



## Characteristic curve



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