

BERO

**Sensors in
top shape**



Inductive 3RG4 BERO

Distance measuring through analog output!



- Design: M12
- Measuring range: 0...6 mm
- Output: 0...5 V



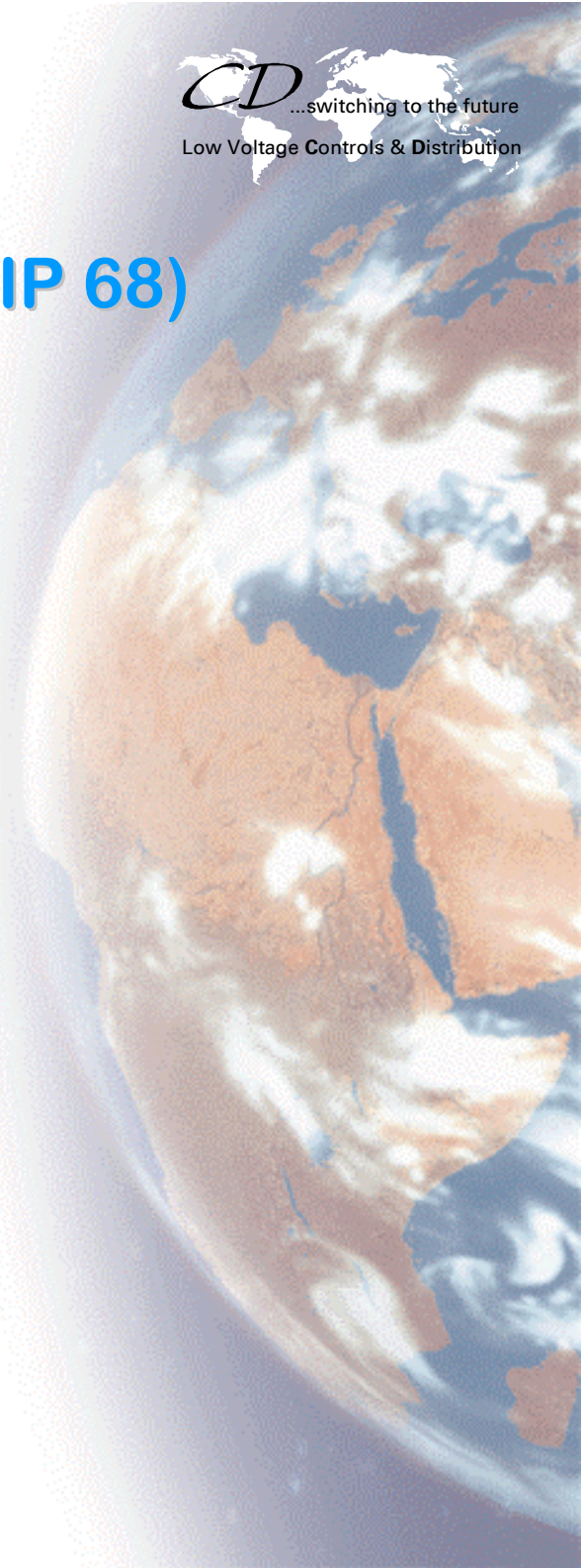
Example: Analog BERO is measuring the opening angle of the feed pipe

Inductive 3RG4 BERO for extreme environmental conditions (IP 68)



Also reliable in contact with

- Steam
- Lubricating oils
- Detergents



Opto-BERO 3RG7



Our eyes for your applications

Opto-BERO 3RG7

Optical proximity switches



- Sensing range from 5 cm to 50 m
- Great selection of switch sizes
- Colour/contrast recognition
- Detection of transparent objects
- Easy adjustment with teach-in function or potentiometer
- Anti-interference function

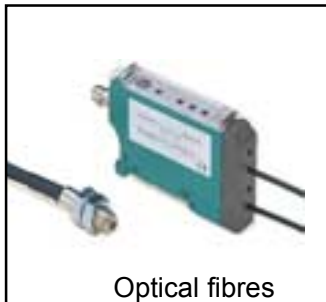
**Siemens Opto-BERO -
Its price and technology
are unbeatable!**

Opto-BERO 3RG7 - Standard designs



- Conveyor systems
- Mechanical engineering
- Food processing industry
- Packaging industry

Opto-BERO 3RG7 - Special designs for special applications



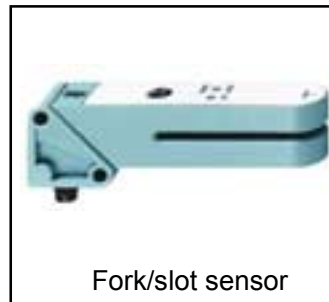
Optical fibres



Colour sensor



Colour mark BERO



Fork/slot sensor



Laser

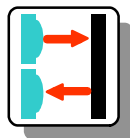


- Packaging industry
- Printing industry
- Conveyor systems
- Mechanical engineering

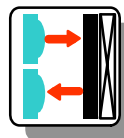
SIEMENS Opto-BERO 3RG7 - Standard design for conveyor systems: K80



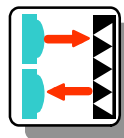
- Background suppression
- High sensing ranges
- Adjustment with Potis
- UC BERO with relay output
- Directly connectable to AS-Interface
- Cable, M12 connector, FK connection



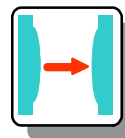
2 m



10-100 cm



6 m

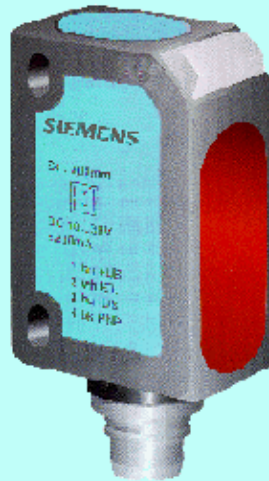


50 m

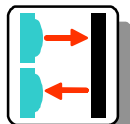


K20 mini-design

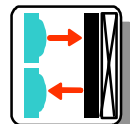
20x32x12mm



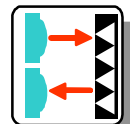
- Background suppression
- Teach-in function (interlocking possible)
- Recognises transparent objects
- Anti-interference function
- Light-ON or dark-ON
- Cable or M8 connector



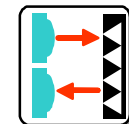
30 cm



20 - 100 mm



2.5 / 3.5 m

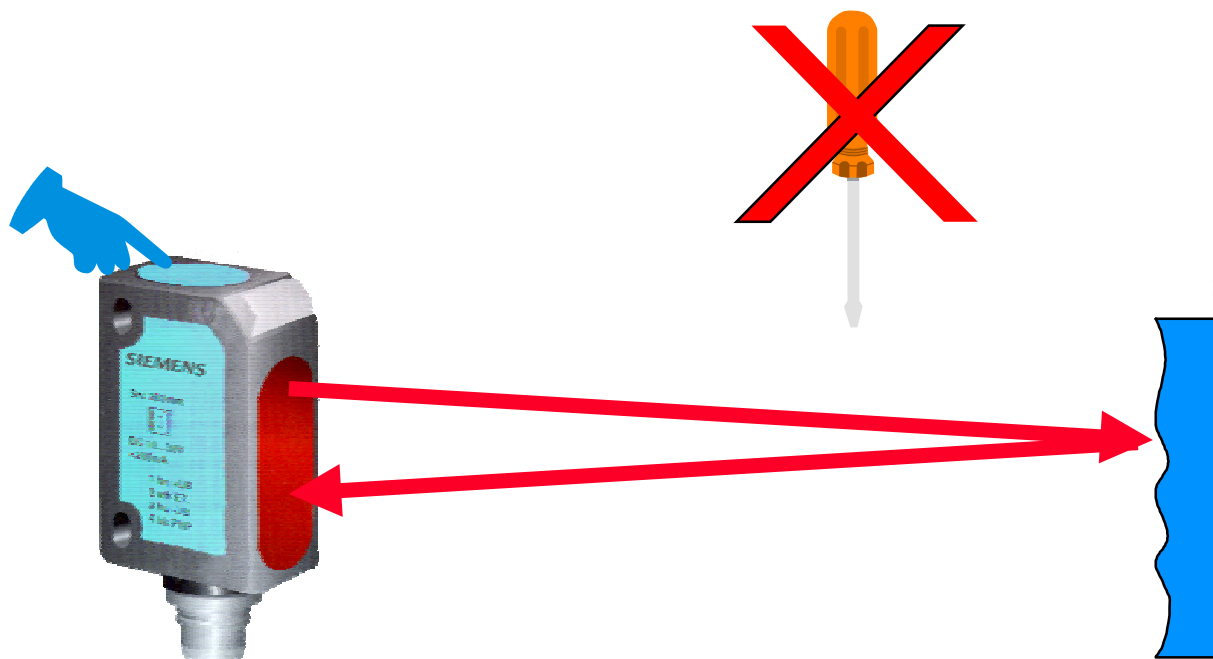


50 cm

For transparent objects

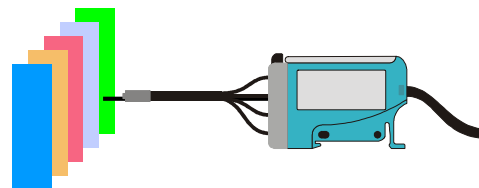
Opto-BERO 3RG7

Teach-in function - adjusting made easy!



- Adjustment by simply pressing a key
- Remote control through remote connection
- Interlocking of key through remote connection
(no unauthorised adjustment)

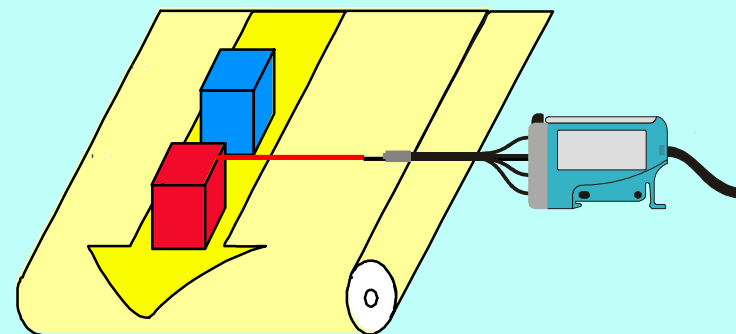
3RG7 Opto-BERO CL40 colour sensor



- 550 Hz switching frequency
- Remote SET (cable)
- Can be snapped onto DIN rail
- Cable or M8 connector

“Real” colour recognition:

- Sensing range from 3 to 15 mm
- Colour range can be set with teach-in function
- Transmitter with 3 LEDs (red, green, blue)



BERO

**Sensors in
top shape**

