



Figure can vary

**Part no.: 50136265**

**PRK3C.T3/PT-M8**

**Polarized retro-reflective photoelectric sensor**



## Contents

- Technical data
- Reflectors & reflective tapes
- Dimensioned drawings
- Electrical connection
- Diagrams
- Operation and display
- Accessories
- Notes



## Technical data

| <b>Basic data</b>                   |  |
|-------------------------------------|--|
| Series                              | 3C   |
| Operating principle                 | Reflection principle   |
| Application                         | Detection of highly transparent bottles                            |
| <b>Special design</b>               |  |
| Special design                      | Autocollimation  |
| <b>Optical data</b>                 |  |
| Operating range                     | Guaranteed operating range   |
| Operating range                     | 0 ... 3 m, With reflector TK(S) 100x100                            |
| Operating range limit               | Typical operating range  |
| Operating range limit               | 0 ... 3.6 m, With reflector TK(S) 100x100                          |
| Light source                        | LED, Red   |
| LED light wavelength                | 635 nm   |
| Transmitted-signal shape            | Pulsed   |
| LED protection class                | Exempt group (in acc. with EN 62471)                               |
| <b>Electrical data</b>              |  |
| Protective circuit                  | Short circuit protected<br>Polarity reversal protection            |
| <b>Performance data</b>             |  |
| Supply voltage                      | 10 ... 30 V, DC, Incl. residual ripple                             |
| Residual ripple                     | 0 ... 15 %, From $U_B$   |
| Open-circuit current                | 0 ... 15 mA  |
| <b>Inputs</b>                       |  |
| Number of teach inputs              | 1 Piece(s)   |
| <b>Teach inputs</b>                 |  |
| Voltage type                        | DC   |
| Switching voltage                   | low: $\leq 0,35 \times U_B$<br>high: $\geq 0,65 \times U_B$        |
| Delay                               | 1 ms   |
| Input resistance                    | 20,000 $\Omega$  |
| <b>Teach input 1</b>                |  |
| Function                            | Light/dark switching<br>Keyboard lockout<br>Sensitivity adjustment |
| Active switching state              | High   |
| <b>Outputs</b>                      |  |
| Number of digital switching outputs | 1 Piece(s)   |
| <b>Switching outputs</b>            |  |
| Voltage type                        | DC   |
| Switching current, max.             | 100 mA   |
| Switching voltage                   | High: $\geq (U_B - 2V)$<br>Low: $\leq 2V$                          |
| <b>Switching output 1</b>           |  |
| Assignment                          | Connection 1, pin 4  |
| Switching element                   | Transistor, PNP  |
| Switching principle                 | Dark switching   |

**Part no.: 50136265 – PRK3C.T3/PT-M8 – Polarized retro-reflective photoelectric**

| <b>Timing</b>       |          |
|---------------------|----------|
| Switching frequency | 1,500 Hz |
| Response time       | 0.33 ms  |
| Readiness delay     | 300 ms   |
| Response jitter     | 110 µs   |

| <b>Connection</b>   |   |
|---------------------|---|
| <b>Connection 1</b> |   |
| Type of connection  | Connector                                 |
| Function            | Signal IN<br>Signal OUT<br>Voltage supply |
| Thread size         | M8  |
| Type                | Male                                      |
| Material            | Metal                                     |
| No. of pins         | 4 -pin                                    |

| <b>Mechanical data</b>     |   |
|----------------------------|---|
| Design                     | Cubic   |
| Dimension (W x H x L)      | 11.4 mm x 34.2 mm x 18.3 mm                           |
| Housing material           | Plastic, PC-ABS                                       |
| Lens cover material        | Plastic / PMMA  |
| Net weight                 | 10 g  |
| Housing color              | Red   |
| Type of fastening          | Through-hole mounting<br>Via optional mounting device |
| Compatibility of materials | ECOLAB  |







| <b>Operation and display</b>        |                           |
|-------------------------------------|---------------------------|
| Type of display                     | LED                       |
| Number of LEDs                      | 2 Piece(s)                |
| Operational controls                | Teach button              |
| Function of the operational control | Scanning range adjustment |

| <b>Environmental data</b>      |               |
|--------------------------------|---------------|
| Ambient temperature, operation | -40 ... 60 °C |
| Ambient temperature, storage   | -40 ... 70 °C |

| <b>Certifications</b> |                 |
|-----------------------|-----------------|
| Degree of protection  | IP 69K<br>IP 67 |
| Protection class      | III             |
| Certifications        | c UL US         |
| Standards applied     | IEC 60947-5-2   |

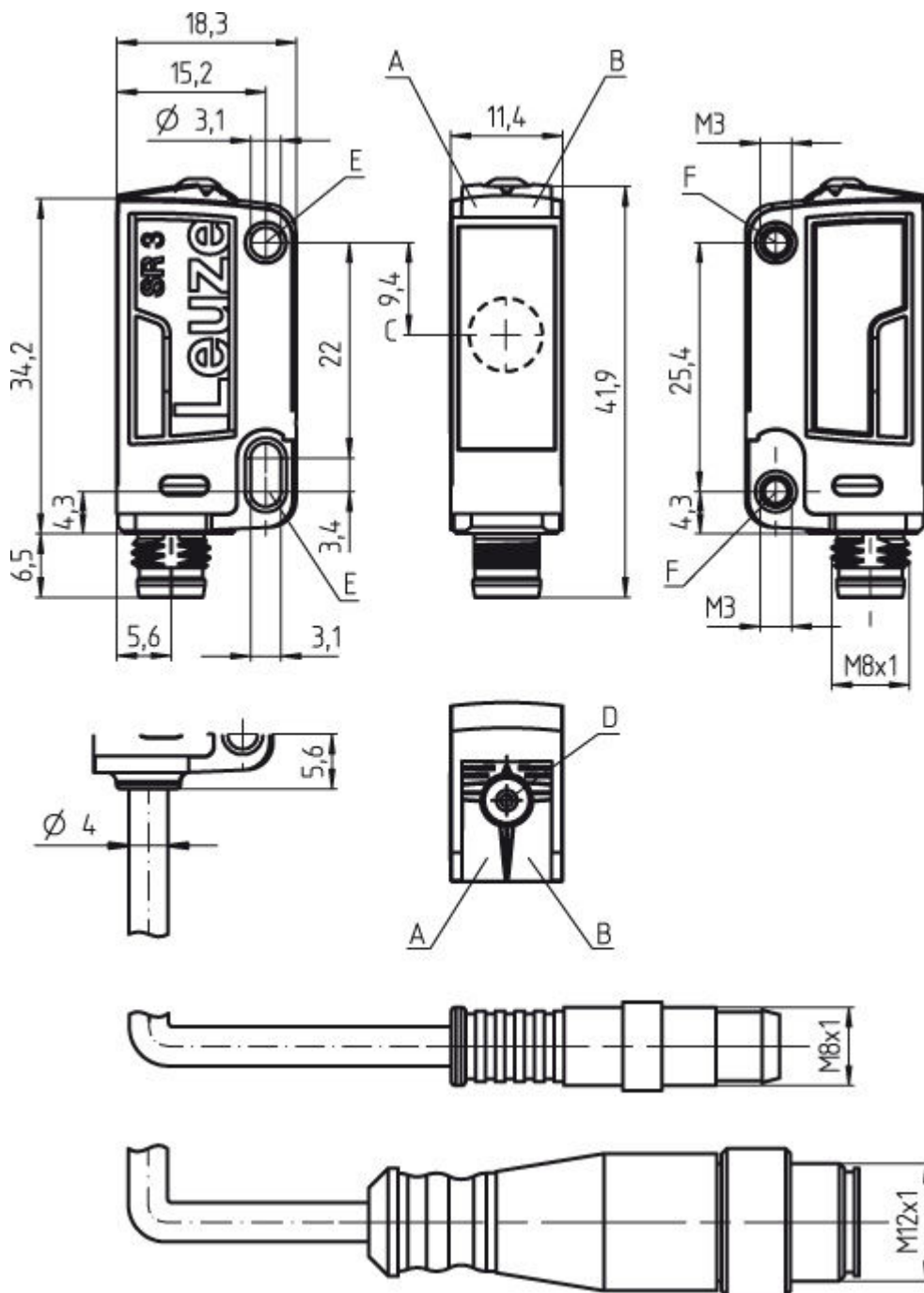
| <b>Classification</b> |          |
|-----------------------|----------|
| eCl@ss 8.0            | 27270902 |
| eCl@ss 9.0            | 27270902 |
| ETIM 5.0              | EC002717 |

## Reflectors & reflective tapes

|   | Part no. | Designation   | Operating range/<br>Operating range limit | Description  |
|---|----------|---------------|---|--|
|    | 50117583 | MTKS 50x50.1  | 0 ... 1.3 m<br>0 ... 1.6 m                | Design: Rectangular<br>Reflective surface: 50 mm x 50 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA8N<br>Fastening: Through-hole mounting, Adhesive                                  |
|    | 50110192 | REF 6-A-50x50 | 0 ... 1.2 m<br>0 ... 1.4 m                | Design: Rectangular<br>Reflective surface: 50 mm x 50 mm<br>Material: Plastic<br>Chemical designation of the material: PMMA<br>Fastening: Self-adhesive  |
|    | 50003192 | TK 100x100    | 0 ... 3 m<br>0 ... 3.6 m                  | Design: Rectangular<br>Reflective surface: 96 mm x 96 mm<br>Triple reflector size: 4 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA8N<br>Fastening: Adhesive                          |
|   | 50022816 | TKS 100X100   | 0 ... 3 m<br>0 ... 3.6 m                  | Design: Rectangular<br>Reflective surface: 96 mm x 96 mm<br>Triple reflector size: 4 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA8N<br>Fastening: Through-hole mounting, Adhesive   |
|  | 50081283 | TKS 20X40     | 0 ... 1 m<br>0 ... 1.2 m                  | Design: Rectangular<br>Reflective surface: 16 mm x 38 mm<br>Triple reflector size: 2.3 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA8N<br>Fastening: Through-hole mounting, Adhesive |
|  | 50040820 | TKS 40X60     | 0 ... 2 m<br>0 ... 2.4 m                  | Design: Rectangular<br>Reflective surface: 37 mm x 56 mm<br>Triple reflector size: 4 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA8N<br>Fastening: Through-hole mounting, Adhesive   |

## Dimensioned drawings

All dimensions in millimeters



- A Green LED
- B Yellow LED
- C Optical axis
- D Teach button
- E Mounting sleeve (standard)
- F Threaded sleeve (3C.B series)

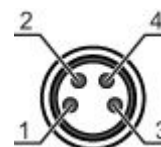
## Electrical connection

|                    |           |
|--------------------|-----------|
| Connection 1       |           |
| Type of connection | Connector |

Part no.: 50136265 – PRK3C.T3/PT-M8 – Polarized retro-reflective photoelectric

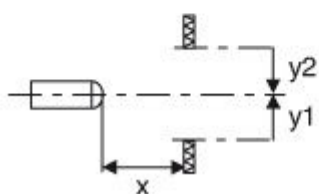
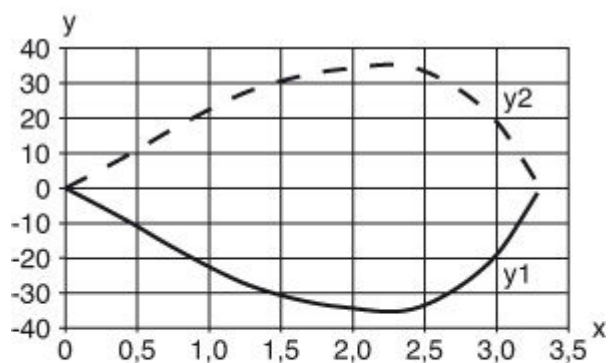
| Connection 1 |   |
|--------------|---|
| Function     | Signal IN<br>Signal OUT<br>Voltage supply |
| Thread size  | M8  |
| Type         | Male                                      |
| Material     | Metal                                     |
| No. of pins  | 4 -pin                                    |
| Encoding     |   |

| Pin | Pin assignment |
|-----|----------------|
| 1   | V+             |
| 2   | Teach-in       |
| 3   | GND            |
| 4   | OUT 1          |



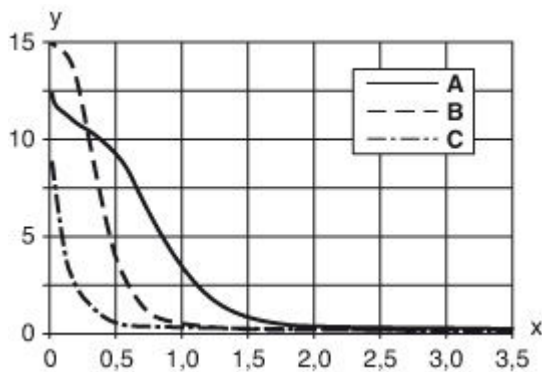
## Diagrams

Typ. response behavior



x Distance [m]  
y Misalignment [mm]

### Typ. function reserve



x Distance [m]  
y Function reserve  
A TKS 40x60  
B TKS 20x40  
C Film REF 4-A-50x50


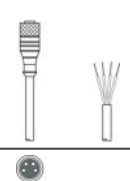

## Operation and display

### LEDs










| LED | Display                  | Meaning                              |
|-----|--------------------------|--------------------------------------|
| 1   | Green, continuous light  | Operational readiness                |
| 2   | Yellow, continuous light | Light path free                      |
|     | Yellow, flashing         | Light path free, no function reserve |

## Accessories

### Connection technology - Connection cables




|   | Part no. | Designation       | Article          | Description   |
|---|----------|-------------------|------------------|---|
|  | 50130854 | KD U-M8-4A-P1-020 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PUR |
|  | 50130855 | KD U-M8-4A-P1-030 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PUR |
|  | 50130856 | KD U-M8-4A-P1-050 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PUR |

**Part no.: 50136265 – PRK3C.T3/PT-M8 – Polarized retro-reflective photoelectric**


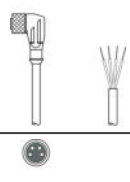

|   | Part no. | Designation       | Article          | Description  |
|---|----------|-------------------|------------------|--|
|    | 50130857 | KD U-M8-4A-P1-100 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PUR |
|    | 50130858 | KD U-M8-4A-P1-150 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 15,000 mm<br>Sheathing material: PUR |
|    | 50130859 | KD U-M8-4A-P1-200 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 20,000 mm<br>Sheathing material: PUR |
|    | 50130848 | KD U-M8-4A-V1-020 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PVC  |
|   | 50130849 | KD U-M8-4A-V1-030 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PVC  |
|  | 50130850 | KD U-M8-4A-V1-050 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PVC  |
|  | 50130851 | KD U-M8-4A-V1-100 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PVC |
|  | 50130852 | KD U-M8-4A-V1-150 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 15,000 mm<br>Sheathing material: PVC |
|  | 50130853 | KD U-M8-4A-V1-200 | Connection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 20,000 mm<br>Sheathing material: PVC |
|  | 50130873 | KD U-M8-4W-P1-020 | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PUR |




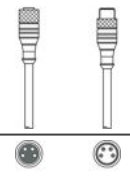
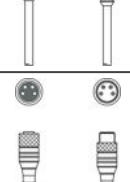
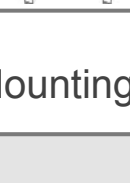
**Part no.: 50136265 – PRK3C.T3/PT-M8 – Polarized retro-reflective photoelectric**

|  | Part no. | Designation          | Article          | Description  |
|--|----------|----------------------|------------------|--|
| <br>     | 50130880 | KD U-M8-4W-P1-020-DP | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connector, LED: Yes, 1 Piece(s)<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PUR  |
| <br>     | 50130874 | KD U-M8-4W-P1-030    | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PUR                                     |
| <br>     | 50130875 | KD U-M8-4W-P1-050    | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PUR                                     |
| <br>    | 50130881 | KD U-M8-4W-P1-050-DP | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connector, LED: Yes, 1 Piece(s)<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PUR  |
| <br> | 50130876 | KD U-M8-4W-P1-100    | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PUR                                    |
| <br> | 50130882 | KD U-M8-4W-P1-100-DP | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connector, LED: Yes, 1 Piece(s)<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PUR |
| <br> | 50130869 | KD U-M8-4W-V1-020    | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PVC                                     |
| <br> | 50130877 | KD U-M8-4W-V1-020-DP | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connector, LED: Yes, 1 Piece(s)<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PVC  |
| <br> | 50130870 | KD U-M8-4W-V1-030    | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 3,000 mm<br>Sheathing material: PVC                                     |
| <br> | 50130871 | KD U-M8-4W-V1-050    | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PVC                                     |


**Part no.: 50136265 – PRK3C.T3/PT-M8 – Polarized retro-reflective photoelectric**

|   | Part no. | Designation          | Article          | Description  |
|---|----------|----------------------|------------------|--|
|  | 50130878 | KD U-M8-4W-V1-050-DP | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connector, LED: Yes, 1 Piece(s)<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 5,000 mm<br>Sheathing material: PVC  |
|  | 50130872 | KD U-M8-4W-V1-100    | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PVC                                    |
|  | 50130879 | KD U-M8-4W-V1-100-DP | Connection cable | Connection 1: Connector, M8, Angled, Female, 4 -pin<br>Connector, LED: Yes, 1 Piece(s)<br>Connection 2: Open end<br>Shielded: No<br>Cable length: 10,000 mm<br>Sheathing material: PVC |





**Connection technology - Interconnection cables**

|   | Part no. | Designation              | Article               | Description   |
|---|----------|--------------------------|-----------------------|---|
|   | 50130913 | KDS U-M8-4A-M8-4A-P1-003 | Interconnection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Connector, M8, Axial, Male, 4 -pin<br>Shielded: No<br>Cable length: 300 mm<br>Sheathing material: PUR   |
|  | 50130914 | KDS U-M8-4A-M8-4A-P1-006 | Interconnection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Connector, M8, Axial, Male, 4 -pin<br>Shielded: No<br>Cable length: 600 mm<br>Sheathing material: PUR   |
|  | 50130915 | KDS U-M8-4A-M8-4A-P1-010 | Interconnection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Connector, M8, Axial, Male, 4 -pin<br>Shielded: No<br>Cable length: 1,000 mm<br>Sheathing material: PUR |
|  | 50130916 | KDS U-M8-4A-M8-4A-P1-020 | Interconnection cable | Connection 1: Connector, M8, Axial, Female, 4 -pin<br>Connection 2: Connector, M8, Axial, Male, 4 -pin<br>Shielded: No<br>Cable length: 2,000 mm<br>Sheathing material: PUR |





**Mounting technology - Mounting brackets**

|   | Part no. | Designation | Article          | Description  |
|---|----------|-------------|------------------|--|
|  | 50118542 | BT 200M.5   | Mounting bracket | Design of mounting device: Angle, L-shape<br>Mounting bracket, at system: Through-hole mounting<br>Mounting bracket, at device: Screw type<br>Type of mounting device: Adjustable<br>Material: Stainless steel |






**Part no.: 50136265 – PRK3C.T3/PT-M8 – Polarized retro-reflective photoelectric**

|   | Part no. | Designation | Article             | Description  |
|---|----------|-------------|---------------------|--|
|  | 50124651 | BT 205M     | Mounting device set | Contains: 10x<br>Design of mounting device: Angle, L-shape<br>Mounting bracket, at system: Through-hole mounting<br>Mounting bracket, at device: Screw type<br>Type of mounting device: Rigid<br>Material: Metal |
|  | 50060511 | BT 3        | Mounting device     | Design of mounting device: Angle, L-shape<br>Mounting bracket, at system: Through-hole mounting<br>Mounting bracket, at device: Screw type<br>Type of mounting device: Rigid<br>Material: Metal                  |
|  | 50105585 | BT 3.1      | Mounting strap set  | Contains: 10x<br>Design of mounting device: Retaining clip<br>Mounting bracket, at system: Through-hole mounting<br>Mounting bracket, at device: Screw type<br>Type of mounting device: Rigid<br>Material: Metal |
|  | 50105546 | BT 3B       | Mounting device     | Design of mounting device: Angle, L-shape<br>Mounting bracket, at system: Through-hole mounting<br>Mounting bracket, at device: Screw type<br>Type of mounting device: Rigid<br>Material: Metal                  |


**Mounting technology - Rod mounts**

|   | Part no. | Designation    | Article         | Description  |
|---|----------|----------------|-----------------|--|
|  | 50117256 | BTU 200M-D10   | Mounting system | Contains: 2x M3 x 18 screw, 2x position washers<br>Design of mounting device: Mounting system<br>Mounting bracket, at system: For 10 mm rod, Sheet-metal mounting<br>Mounting bracket, at device: Screw type<br>Type of mounting device: Clampable, Adjustable, Turning, 360°<br>Material: Metal         |
|  | 50117255 | BTU 200M-D12   | Mounting system | Contains: 2x M3 x 18 screw, 2x position washers<br>Design of mounting device: Mounting system<br>Mounting bracket, at system: For 12 mm rod, Sheet-metal mounting<br>Mounting bracket, at device: Screw type<br>Type of mounting device: Clampable, Adjustable, Turning, 360°<br>Material: Metal         |
|  | 50117254 | BTU 200M-D14   | Mounting system | Contains: 2x M3 x 18 screw, 2x position washers<br>Design of mounting device: Mounting system<br>Mounting bracket, at system: For 14 mm rod, Sheet-metal mounting<br>Mounting bracket, at device: Screw type<br>Type of mounting device: Clampable, Adjustable, Turning, 360°<br>Material: Metal         |
|  | 50120426 | BTU 200M.5-D12 | Mounting system | Contains: 2x M3 x 18 screw, 2x M3 mounting nut, 2x position washers<br>Design of mounting device: Mounting system<br>Mounting bracket, at system: For 12 mm rod<br>Mounting bracket, at device: Screw type<br>Type of mounting device: Turning, 360°, Clampable, Adjustable<br>Material: Stainless steel |


**Part no.: 50136265 – PRK3C.T3/PT-M8 – Polarized retro-reflective photoelectric**
**Standard reflectors**

|   | Part no. | Designation  | Article   | Description  |
|---|----------|--------------|-----------|--|
|    | 50134985 | MTKS 20x30.1 | Reflector | Design: Rectangular<br>Reflective surface: 18.5 mm x 28.5 mm<br>Triple reflector size: 1 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA<br>Fastening: Through-hole mounting, Adhesive |
|    | 50003192 | TK 100x100   | Reflector | Design: Rectangular<br>Reflective surface: 96 mm x 96 mm<br>Triple reflector size: 4 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA8N<br>Fastening: Adhesive                          |
|    | 50022816 | TKS 100X100  | Reflector | Design: Rectangular<br>Reflective surface: 96 mm x 96 mm<br>Triple reflector size: 4 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA8N<br>Fastening: Through-hole mounting, Adhesive   |
|   | 50081283 | TKS 20X40    | Reflector | Design: Rectangular<br>Reflective surface: 16 mm x 38 mm<br>Triple reflector size: 2.3 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA8N<br>Fastening: Through-hole mounting, Adhesive |
|  | 50040820 | TKS 40X60    | Reflector | Design: Rectangular<br>Reflective surface: 37 mm x 56 mm<br>Triple reflector size: 4 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA8N<br>Fastening: Through-hole mounting, Adhesive   |

**Micro-triad-type reflectors**

|   | Part no. | Designation  | Article   | Description   |
|---|----------|--------------|-----------|---|
|  | 50117583 | MTKS 50x50.1 | Reflector | Design: Rectangular<br>Reflective surface: 50 mm x 50 mm<br>Material: Plastic<br>Base material: Plastic<br>Chemical designation of the material: PMMA8N<br>Fastening: Through-hole mounting, Adhesive |

**Reflective tapes for laser and clear-glass applications**

|   | Part no. | Designation   | Article         | Description   |
|---|----------|---------------|-----------------|---|
|  | 50110192 | REF 6-A-50x50 | Reflective tape | Design: Rectangular<br>Reflective surface: 50 mm x 50 mm<br>Material: Plastic<br>Chemical designation of the material: PMMA<br>Fastening: Self-adhesive |

## Notes

### Observe intended use!

- This product is not a safety sensor and is not intended as personnel protection.
- The product may only be put into operation by competent persons.
- Only use the product in accordance with its intended use.

### For UL applications:

- For UL applications, use is only permitted in Class 2 circuits in accordance with the NEC (National Electric Code).
- These proximity switches shall be used with UL Listed Cable assemblies rated 30V, 0.5A min, in the field installation, or equivalent (categories: CYJV/CYJV7 or PVVA/PVVA7)

- Light source: Average life expectancy 100,000 h at an ambient temperature of 25 °C
- Response time: For short decay times, an ohmic load of approx. 5 kOhm is recommended
- Sum of the output currents for both outputs, 50 mA for ambient temperatures > 40 °C
- The light spot may not exceed the reflector.
- Use of MTK(S) or REF 6-A- reflective tape is preferred.
- For REF 6-A reflective tape, the sensor's side edge must be aligned parallel to the side edge of the reflective tape.