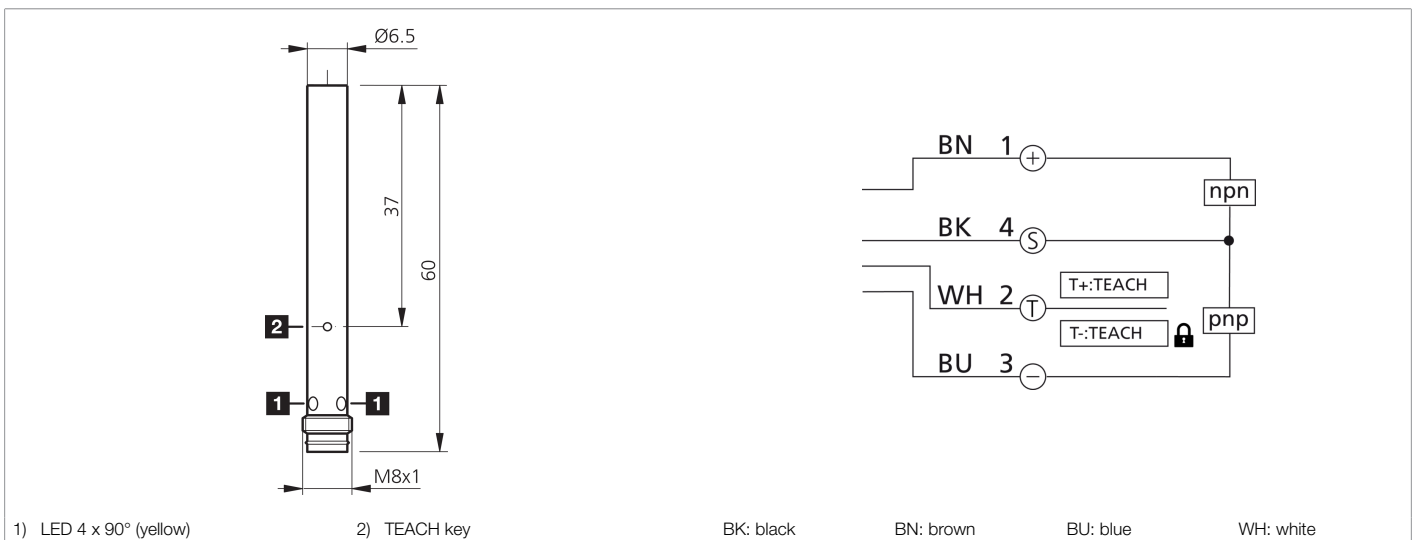




208348
KDCT 6.5 V 02 G3-T4
Capacitive proximity switch

- Remote teach option
- Push-pull output pnp + npn
- Sensitivity adjustable, large operating distance
- Variable hysteresis
- Detection of liquids, powdery and solid materials
- Detecting metal and non-metal parts
- Detection possible even through containers and packaging
- Stainless steel housing



| Function | | | | | | | | | | | | | |
|----------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | |

| Technical data (typ.) | +20°C, 24 V DC |
|------------------------------|--|
| Service voltage | 18 ... 30 V DC |
| No-load current (max.) | 20 mA |
| Insulation voltage endurance | 500 V |
| Installation type | Flush |
| Diameter | Ø 6.5 mm (Diameter) |
| Housing length | 60 mm |
| Housing material | Stainless steel (V2A 1.4301 / AISI 304) |
| Material | PBT (Sensor probe) |
| Protection class | III, operation on protective low voltage |
| Operating principle | Capacitive |
| Evaluation | digital |
| Design | Cylinder |
| Switching output | Push-pull, 150 mA, NO/NC, switchable |
| Voltage drop (max.) | 2.4 V |
| Switching distance (SN) | 2 mm (0.1 to 3 mm adjustable) |
| Standardized measuring plate | 8 x 8 mm |
| Switching hysteresis (max.) | 10 % |
| Sensitivity adjustment | Remote teach |
| Display | LED yellow - Switching output |
| Switching frequency | 70 Hz |



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KDCT 6.5 V 02 G3-T4

Capacitive proximity switch

Technical data (typ.)

+20°C, 24 V DC

Ambient temperature during operation

-25 ... +70 °C

Protection type

IP 65

Connection

Connector, M8, 4-pin

Connection cable

TK ... /4

More information / accessories

<https://www.di-soric.com/208348>