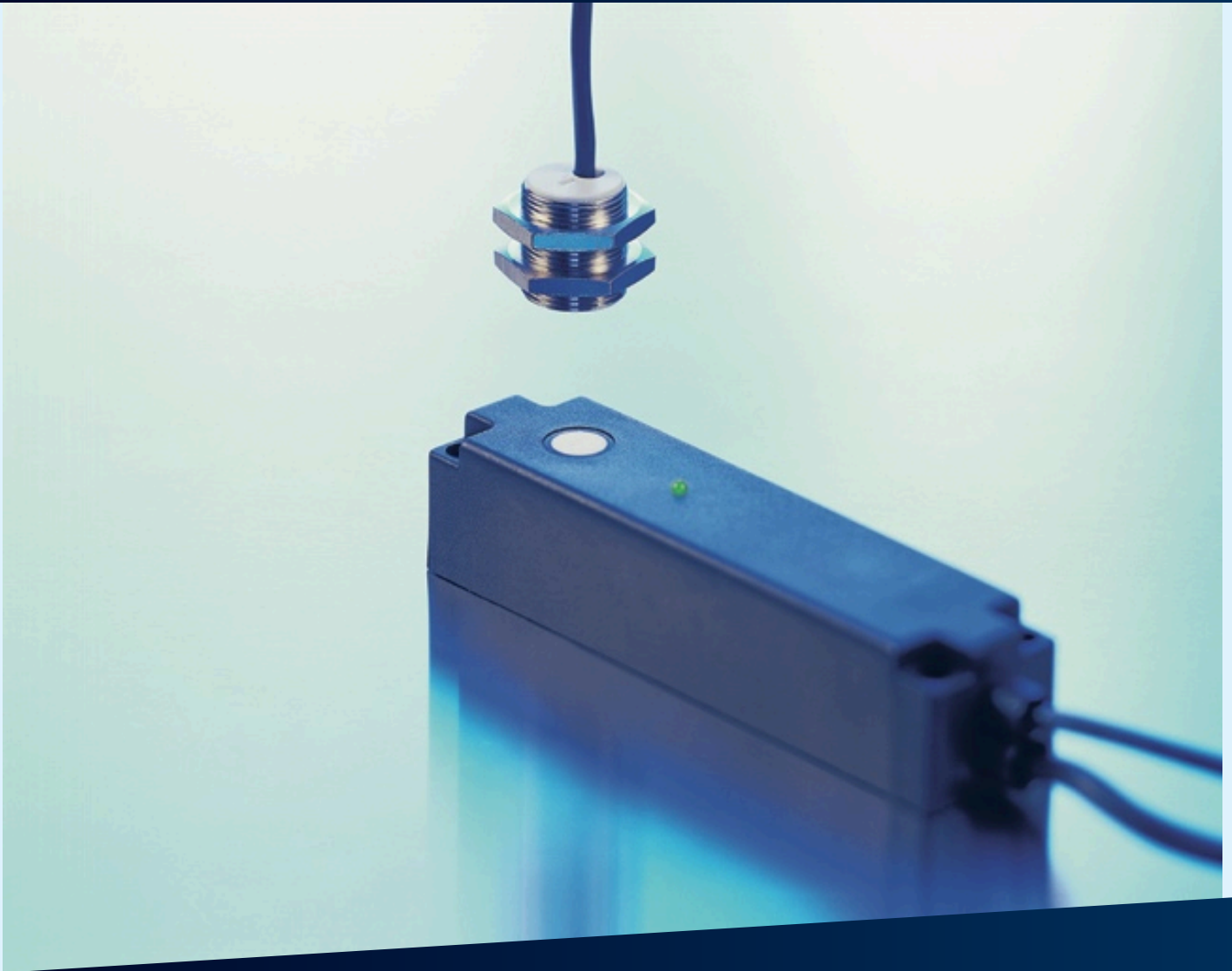




extract from our online catalogue:

***dbk-4/CD/O/QP E+S***

current to: 2026-09-22

**dbk-4/CD/O/QP E+S**

Successor model available

please inquire

 1 x pnp

|                 |                                                                                                                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| design          | cuboidal                                                                                                                                                                             |
| operating mode  | double sheet control                                                                                                                                                                 |
| working range   | papers with weights of 20 - 1,200 g/m <sup>2</sup> , metal-laminated sheets and films up to 0.4 mm thick, self-adhesive films, sheet metals up to 0.3 mm thick, fine corrugated card |
| particularities | receiver cuboidal<br>lateral sound exit                                                                                                                                              |

**Ultrasonic-Specific**

|                      |                                           |
|----------------------|-------------------------------------------|
| means of measurement | pulse operation with amplitude evaluation |
| transducer frequency | 400 kHz                                   |
| blind zone           | 7 mm in front of transmitter and receiver |

**Electrical Data**

|                             |                                             |
|-----------------------------|---------------------------------------------|
| operating voltage $U_B$     | 20 - 30 V d.c., reverse polarity protection |
| voltage ripple              | ± 10 %                                      |
| no-load current consumption | ≤ 35 mA                                     |
| type of connection          | 2 m PVC cable, 4 × 0.34 mm <sup>2</sup>     |

**outputs**

|                |                                                                                                    |
|----------------|----------------------------------------------------------------------------------------------------|
| output 1       | double sheet output<br>pnp: $I_{\max} = 500 \text{ mA}$ ( $U_B - 2V$ )<br>NCC, short-circuit-proof |
| response delay | 6.5 ms in trigger mode, 24,5 ms in free-run mode                                                   |

**Inputs**

|         |               |
|---------|---------------|
| input 1 | control input |
|---------|---------------|

**housing**

|                                 |                                                    |
|---------------------------------|----------------------------------------------------|
| material                        | ABS                                                |
| ultrasonic transducer           | polyurethane foam, epoxy resin with glass contents |
| class of protection to EN 60529 | IP 65                                              |
| operating temperature           | +5°C to +60°C                                      |
| storage temperature             | -40°C to +85°C                                     |
| weight                          | 310 g                                              |

## Technical Features/Characteristics

|                    |                                                 |
|--------------------|-------------------------------------------------|
| controls           | not necessary                                   |
| scope for settings | not necessary                                   |
| indicators         | 1 x Duo-LED; green: working / red: double sheet |

## Accessories

|                      |               |
|----------------------|---------------|
| deployable accessory | dbk-Testbogen |
|----------------------|---------------|

## pin assignment

