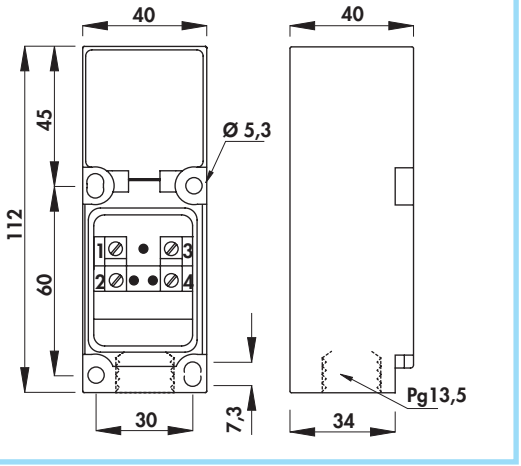
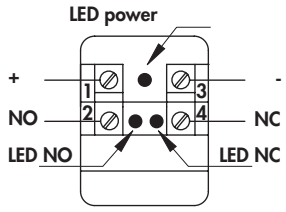
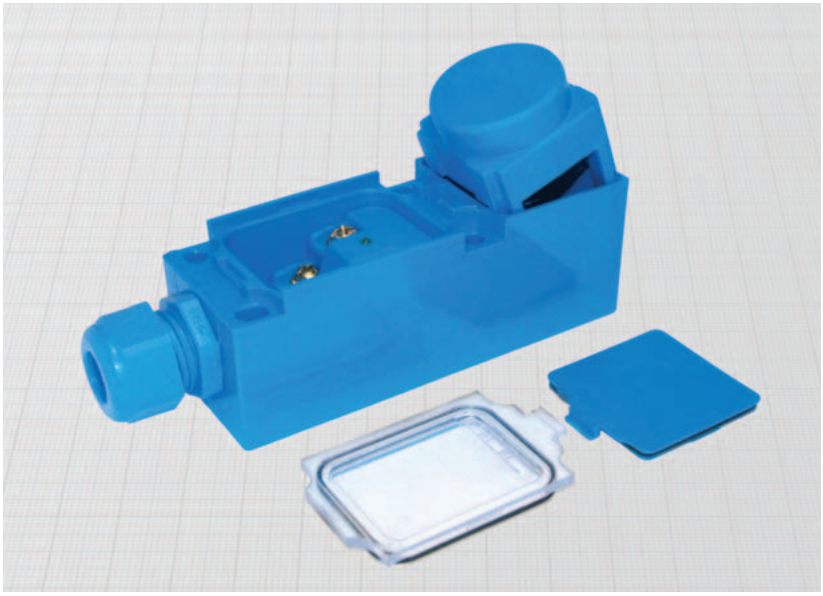
- **5 Position head**
- **Amplified in d.c.**
- Terminal block output




**Connecting diagram**



## Materials:

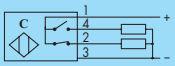
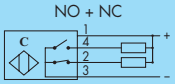
- Housing: plastic
- Terminal block cover: polycarbonate

## General Features:

These sensors are called "turnable sensing head" because the sensing head, inside the plastic housing can be positioned on 5 different positions. To choose the desired sensing face it is enough to remove the cover and set the sensing head in the proper position.
The internal terminal block can be easily reached by removing the transparent cover. Being capacitive, they are suitable for any material detection. Some material, mostly if liquids, can be detected also through plastic or glass walls. They can be used for the most different applications :
Level controls on storage bins or tanks; detection of presence or filling of bottles; rain sensor ; anti-vandalic key; etc…
The included plastic gland Pg13.5 is suited for cables diameter up to 9 mm.

## Technical data:

- Supply voltage ($U_B$): 10 ÷ 60 Vdc
- Max ripple: 10%
- No-load supply current ($I_o$): ≤ 10 mA
- Voltage drop ($U_d$): ≤ 2,2 V
- Temperature range: - 20° ÷ + 70°C
- Max thermal drift of sensing distance $S_r$: ± 20%
- Repeat accuracy (R): 4%
- Switching hysteresis max (H): 15%
- Degree of protection with fully locked gland: IP65
- Status indicator: output n.o. yellow LED
  output n.c. red LED
  supply green LED
- Protected against short-circuit and overload
- Protected against any wrong connection
- Suppression of initial false impulse
- Electromagnetic compatibility (EMC) according to EN60947-5-2 CE
- Shock and vibration resistance according to EN60068-2-27 EN60068-2-6

| Flush mounting / Non Flush mounting | Diameter zone sensible | Max switching frequency ( f ) | Rated operational current ( $I_e$ ) | Nominal sensing distance ( $S_n$ ) ± 10% | ORDERING REFERENCES |
|---|---|---|---|---|---|
| | mm | KHz | mA | mm | PNP (positive switching) |
| | | | | | NO + NC  |
| • | 35 | 0,1 | 400 | 15 | **BKSP/4729KS** |
| | | | | | **NPN (negative switching)** Use the above mentioned part number changing the last number 9 with 8 (ie. BKSP/4728KS) |
| | | | | | NO + NC  |



**BDC Electronic** - Viale Lidice, 37/39 - 10095 Grugliasco (To) - Italy -Tel. (+39)011.31.49.021/022 Fax (+39) 011.31.49.023 - www.bdcelectronic.com - E-mail:bdc@bdcelectronic.com