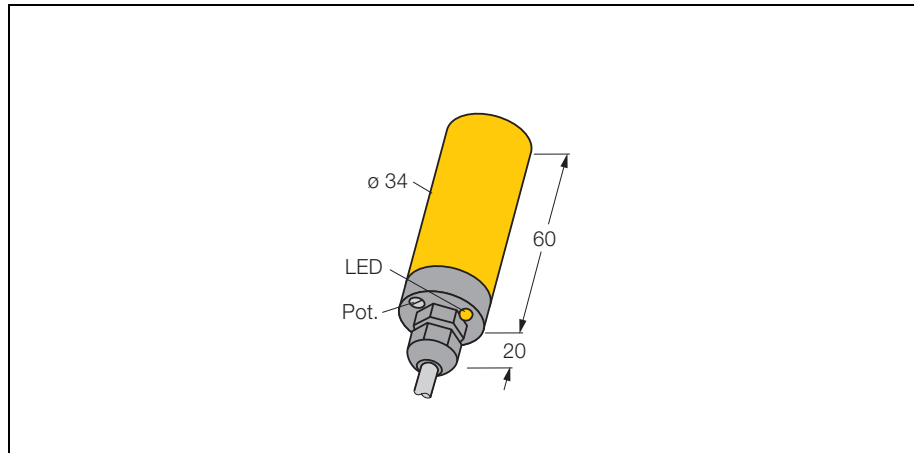


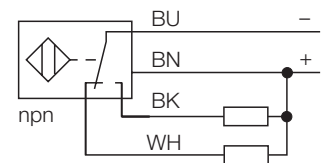
capacitive sensor

BC15-K34-VN4X



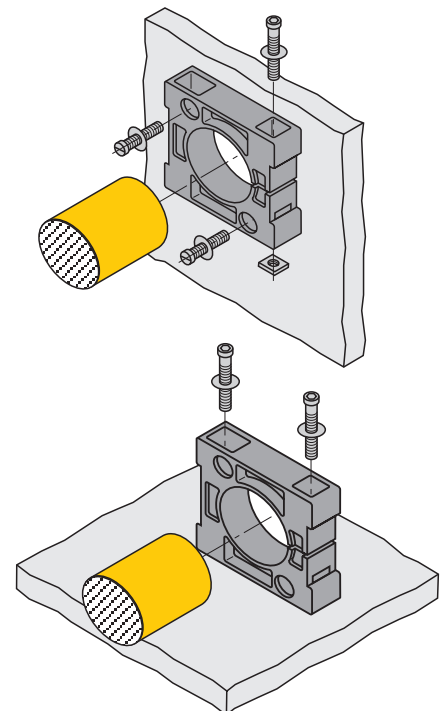
- smooth barrel, 34mm diameter
- Plastic, PBT-GF30-V0
- fine adjustment via potentiometer
- 4-wire DC, 10...65 VDC
- change-over, npn output
- cable connection

Wiring diagram



Capacitive proximity switches are designed for non-contact and wear-free detection of metal (electrically conductive) and non-metal (electrically non-conductive) objects.

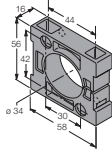
Type	BC15-K34-VN4X
Ident-No.	2502127
Rated operating distance Sn	15 mm, flush mounting
Rated operating distance Sn	23 mm, non-flush mounting
Hysteresis	2... 20 %
Temperature drift	≤ ± 20 %
Repeatability	≤ 2 %
Ambient temperature	-25...+ 70 °C
Operating voltage	10... 65 VDC
Residual ripple	≤ 10 % U _{ss}
DC rated operational current	≤ 200 mA
No-load current I ₀	≤ 15 mA
Residual current	≤ 0.1 mA
Switching frequency	≤ 0.1 kHz
Rated insulation voltage	≤ 0.5 kV
Output function	4-wire, change-over, npn
Short-circuit protection	yes / cyclic
Voltage dip at I _e	≤ 1.8 V
Wire breakage / Reverse polarity protection	yes / complete
Housing	smooth barrel, 34 mm
Dimensions	80 mm
Housing material	plastic, PBT-GF30-V0
Material active area	plastic, PBT-GF30-V0
Connection	cable
Cable quality	Ø 5.2, LifYY, PVC, 2 m
Cable cross section:	4 x 0.34 mm ²
Vibration resistance	55 Hz (1 mm)
Shock resistance	30g (11 ms)
Degree of protection	IP67
Display switch state	LED yellow
Included in scope of supply	BS34.1, 2 M5 screws, cable gland, blanking plugs



capacitive sensor

BC15-K34-VN4X

Accessories

Type code	Ident-No.	Short text	Dimension drawing
BS34.1	6946010	fixing clamp: mounting block material (PBT-GF20-V0); dimensions (58 mm x 56 mm x 16 mm), included in delivery (2 M5 screws for base mounting)	
BS34.1-WMS	6946009	screw set for wall mounting	