



Capacitive Sensors

Series 80 - PNP

Housing M 16 x 1.5

- Housing material: PEEK
- Sensing distance 1...6 mm adjustable
- With flange connector M 8 x 1
- Useable for an ambient temperature up to +100 °C



Certificate:



Technical data

Non-flush mountable

Operating distance S_n 4 mm

Operating distance min. / max. adjustable 1...6 mm

Electrical version 3-pin DC

Output Normally open (NO)

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-M16-S-K-PEEK-Y7

Art.-No.

KA 0269

Connection diagram No. 4

Operating voltage (U_B) 10...35 V DC

Output current max. (I_o) 250 mA

Voltage drop max. (U_o) ≤ 2.5 V

Permitted residual ripple max. 10 %

No-load current (I_o) Typ. 10 mA

Frequency of operating cycles max. 50 Hz

Permitted ambient temperature -25...+100 °C

LED-display Yellow

Protective circuit Built-in

Degree of protection IEC 60529 IP 67

Norm EN 60947-5-2

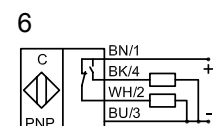
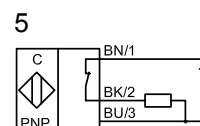
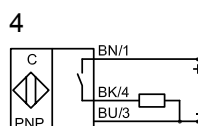
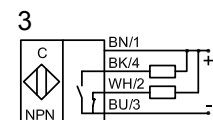
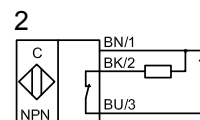
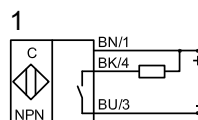
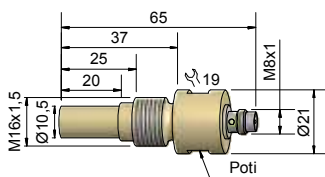
Connection Flange connector M 8 x 1

Housing material PEEK (FDA 21 CFR 177.2415)

Active surface PEEK (FDA 21 CFR 177.2415)

Lid PA / PPO

Media optimized Yes



Made in Germany

All specifications are subject to change without notice. (06.09.2012)