



Capacitive Sensors

Series 80 - PNP

Housing $\varnothing = 20$ mm

- Housing material: Brass
- Sensing distance 0.5...15 mm adjustable

Certificate:



Technical data

Flush mountable

Operating distance S_n 8 mm

Operating distance min. / max. adjustable 0.5...15 mm

Electrical version 3-wire DC

Output Normally closed

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-20-S, D 20 mm

Art.-No. 811 815

Connection diagram No. 4

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

Output current max. (I_o) 250 mA

Load current min. -

Voltage drop max. (U_d) ≤ 2.0 V

Permitted residual ripple max. 10 %

No-load current (I_o) Typ. 15 mA

Frequency of operating cycles max. 100 Hz

Permitted ambient temperature -25...+70 °C

LED-display Green / yellow

Protective circuit Built-in

Degree of protection IEC 60529 IP 67

Norm EN 60947-5-2

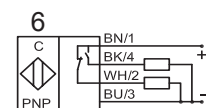
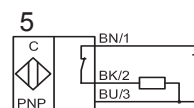
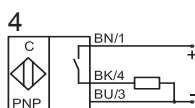
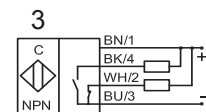
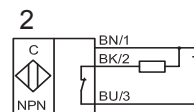
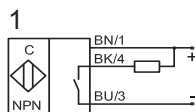
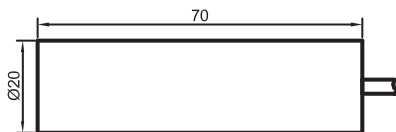
Connection cable 2 m, PUR, 3 x 0.34 mm²

Housing material Brass

Active surface PVC

Lid PA / PPO

All specifications are subject to change without notice. (23.09.2009)



Made in Germany