

Capacitive Sensors

Series 80 - PNP

Housing Sensor M 5 x 0.5

Amplifier 40 x 12 x 26 mm

- Housing material: Sensor Stainless steel VA / amplifier PA
- Sensing distance 0...1 mm adjustable
- Sensor with remote amplifier
- Sensor and amplifier fix connected with 400 mm triax-cable

Certificate:



Technical data

Flush mountable

Operating distance S_n 0.8 mm

Operating distance min. / max. adjustable 0...1 mm

Electrical version 3-wire DC

Output function Normally open (NO)

Type NPN

Art.-No.

Connection diagram No.

Type PNP

KAS-80-C-M5/20-S

Art.-No. **830 600**

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. 5 %

No-load current (I_o) Typ. 10 mA

Frequency of operating cycles max. 50 Hz

Permitted ambient temperature (sensor) -55...+120 °C

Permitted ambient temperature (amplifier) -25...+70 °C

LED-display Yellow

Protective circuit Built-in

Degree of protection IEC 60529 IP 67

Norm EN 60947-5-2

Connection cable (sensor) 0.4 m, triax-cable

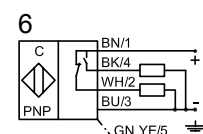
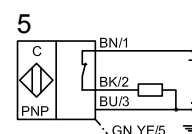
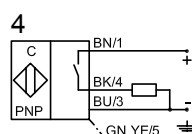
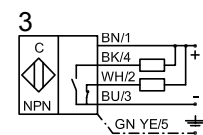
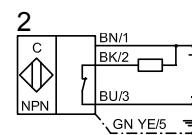
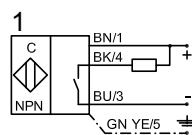
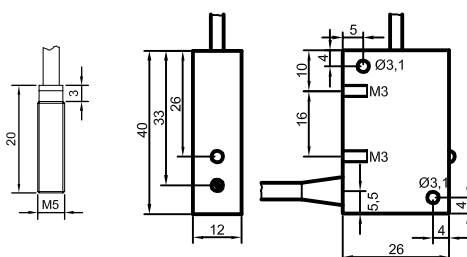
Connection cable (amplifier) 2 m, PVC, 4 x 0.14 mm²

Housing material (sensor) VA No. 1.4305

Active surface (sensor) PTFE (FDA 21 CFR 177.1550)

Lid (sensor) PTFE (FDA 21 CFR 177.1550)

Housing material (amplifier) PA



Made in Germany