



## Capacitive Sensors

### Series 80 - PNP

Housing M 30 x 1.5

- Easy Teach Push Button
- Housing material: Brass
- Sensing distance 1...30 mm adjustable

Certificate:



QuattroEtcProtect™

#### Technical data

Operating distance $S_n$	15 mm
Operating distance min. / max. programmable	1...30 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)

#### Type NPN

##### Art.-No.

Connection diagram no.

#### Type PNP

KAS-80-A24-A-ET

##### Art.-No.

KA 1083

Connection diagram no.

See below

Operating voltage ( $U_b$ )

10...35 V DC

Output current max. ( $I_o$ )

2 x 250 mA

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.

25 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, PVC, 4 x 0.5 mm<sup>2</sup>

Housing material

Brass

Active surface

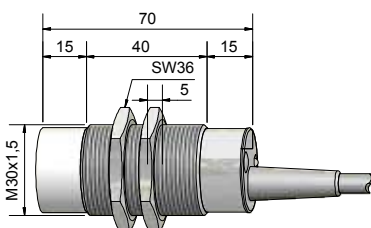
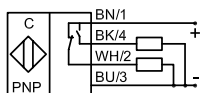
PTFE (FDA 21 CFR 177.1550)

Lid

PA / PPO

Media optimized

Yes

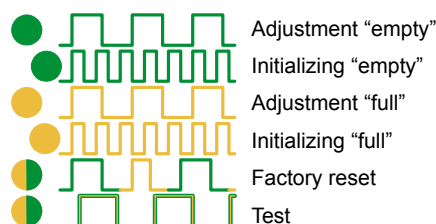


#### EasyTeach chart:

LED / output function

green = A1

yellow = A2



Made in Germany