



Capacitive Sensors

Series 80 - PNP

Housing M 30 x 1.5

- Easy Teach by wire
- Housing material: Brass
- Sensing distance 0.5...25 mm adjustable

Certificate:



QuattroEtcProtect™

Technical data

Operating distance S_n	Flush mountable
Operating distance min. / max. programmable	10 mm
Electrical version	0.5...25 mm
Output function	4-wire DC
	Antivalent (NO + NC)

Type NPN

Art.-No.

Connection diagram no.

Type PNP

KAS-80-A14-A-ETW

Art.-No.

KA 0982

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, 5 x 0.34 mm²

Housing material

Brass

Active surface

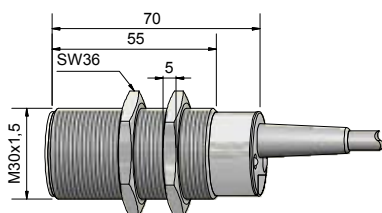
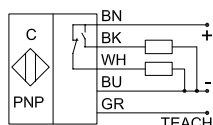
PTFE (FDA 21 CFR 177.1550)

Lid

PA / PPO

Media optimized

Yes

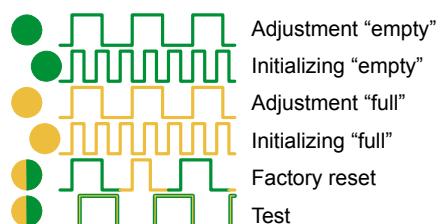


EasyTeach chart:

LED / output function

green = A1

yellow = A2



Made in Germany

All specifications are subject to change without notice. (20.05.2011)