



## Capacitive Sensors

### Series 80 - PNP

Housing M 30 x 1.5

- Easy Teach Push Button
- 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.

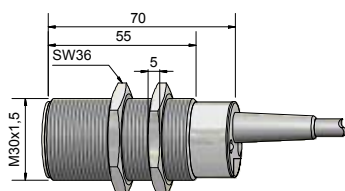
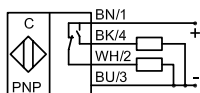
#### Type PNP

**KAS-80-A14-A-ET**

##### Art.-No.

**KA 1082**

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	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

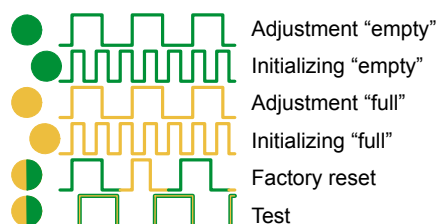


#### EasyTeach chart:

LED / output function

green = A1

yellow = A2



**Made in Germany**

All specifications are subject to change without notice. (24.05.2011)