



## Capacitive Sensors

### Series 80 - PNP

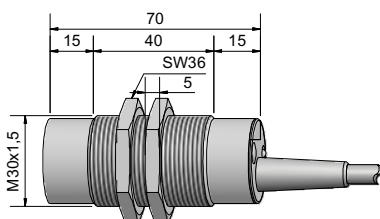
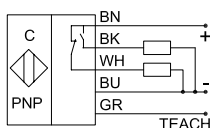
Housing M 30 x 1.5

- Easy Teach by wire
- Housing material: PA / PPO
- Sensing distance 2...25 mm adjustable

Certificate:



Technical data	Non-flush mountable
Operating distance $S_n$	15 mm
Operating distance min. / max. programmable	2...25 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram no.	
<b>Type PNP</b>	
<b>KAS-80-A24-A-K-ETW-NL</b>	
<b>Art.-No.</b>	
<b>KA 0986</b>	
Connection diagram no.	
See below	
Operating voltage ( $U_B$ )	12...30 V DC
Output current max. ( $I_o$ )	2 x 200 mA
Voltage drop max. ( $U_d$ )	≤ 2.0 V
Permitted residual ripple max.	5 %
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 mm <sup>2</sup>
Housing material	PA / PPO
Active surface	PA / PPO
Lid	PA / PPO

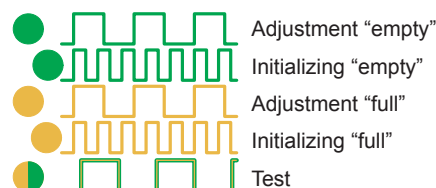


### EasyTeach chart:

LED / output function

green = A1

yellow = A2



Made in Germany

All specifications are subject to change without notice. (04.07.2011)