



## Capacitive Sensors

### Series 80 - PNP

Housing M 32 x 1.5

- Easy Teach by wire
- Housing material: PA / PPO
- Sensing distance 1...40 mm adjustable
- With flange connector M 12 x 1



Certificate:



QuattroEtcProtect™

#### Technical data

Non-flush mountable

Operating distance $S_n$	25 mm
Operating distance min. / max. programmable	1...40 mm
Electrical version	4-pin DC
Output function	Antivalent (NO + NC)

#### Type NPN

##### Art.-No.

Connection diagram no.

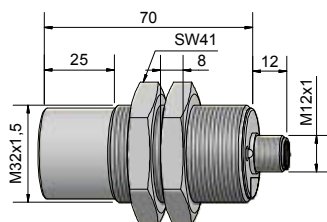
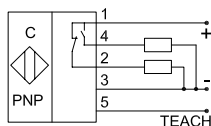
##### Type PNP

**KAS-80-35-A-M32-Y10-ETW**

##### Art.-No.

**KA 0929**

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	Flange connector M 12 x 1
Housing material	PA / PPO
Active surface	PA / PPO
Lid	PA / PPO
Media optimized	Yes

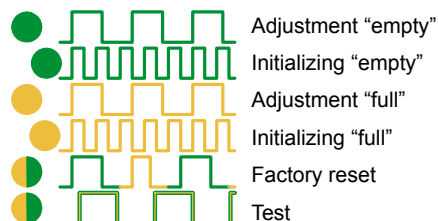


#### EasyTeach chart:

LED / output function

green = A1

yellow = A2



Made in Germany

All specifications are subject to change without notice. (01.04.2011)