



## Capacitive Sensors

### Series 80 - PNP



Housing  $\varnothing$  26 mm / 1" / 40 mm

- Easy Teach by wire
- Housing material: PTFE
- SIP / CIP 121° C
- Ideal for detection of chemically aggressive media
- Suitable for food applications
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not supplied with the sensor)

Certificate:



QuattroEtcProtect™

#### Technical data

Non-flush mountable

Operating distance $S_n$	5 mm
Operating distance min. / max. programmable	0...20 mm
Electrical version	4 - wire DC
Output function	Antivalent (NO + NC)

#### Type NPN

#### Art.-No.

Connection diagram no.

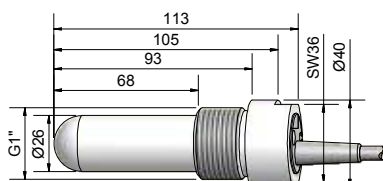
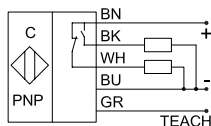
#### Type PNP

KAS-80-26-A-PTFE-1"-ETW

#### Art.-No.

KA 0984

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. ( $U_d$ )	$\leq 2.0$ V
Permitted residual ripple max.	10 %
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °C / CIP 121 °C (zero-current)
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	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes

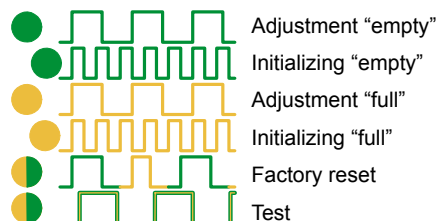


#### EasyTeach chart:

LED / output function

green = A1

yellow = A2



Made in Germany

All specifications are subject to change without notice. (30.05.2011)