



Capacitive Sensors

Series 80 - PNP



Housing \varnothing 26 mm / M 30 / 40 mm

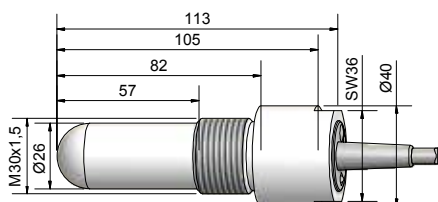
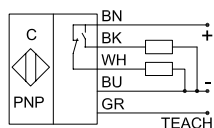
- Easy Teach by wire
- Housing material PTFE
- SIP / CIP 121° C
- Ideal for detection of chemically aggressive media
- Suitable for food applications
- Special version with flange. Sealing can be made with a gasket or PTFE-tape (not supplied with the sensor)

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	
Art.-No.	
KAS-80-26-A-PTFE-M30-ETW	
KA 1037	
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	3 m, PVC, 5 x 0.34 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes

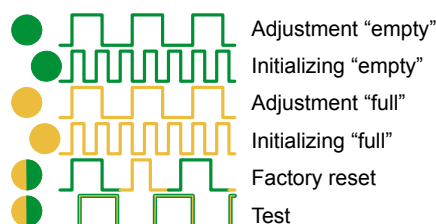


EasyTeach chart:

LED / output function

green = A1

yellow = A2



Made in Germany

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