



Capacitive Sensor Series 80 - PNP

Housing Ø 30 mm

- Capacitive sensor for level and position control
- Housing material: PTFE
- Sensing distance 1...40 mm adjustable
- With flange connector M 12 x 1
- Operating distance adjustable with EasyTeach by Wire
- Optical guidance during the teach process with the aid of a 2-colour LED

With manufacturer certificate	
for use in zone 22	for use in zone 2
Ex II 3D Ex mc IIIC T101°C Dc IP67 X	Ex II 3G Ex nA IIC T6 Gc X



Technical data	Non-flush mountable
Operating distance S_n	25 mm
Operating distance min. / max. adjustable	1...40 mm
Electrical version	4-pin DC
Output function	Antivalent
Type PNP	KAS-80-35-A-K-PTFE-ETW-Y10-3G-3D
Art.-No.	KA 1212
Operating voltage (U_B)	10...35 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_e)	2 x 0...150 mA
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	50 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 (A-coded)
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes
For matching connectors please see our selection of accessories.	

All specifications are subject to change without notice. (06.06.2019)

EasyTeach chart: LED / Output function
Yellow = A1 Green = A2

- Adjustment "empty"
- Initializing "empty"
- Adjustment "full"
- Initializing "full"
- Factory reset
- Test

* With sealed potentiometer screw

Made in Germany