



Capacitive Sensors

Series 80 - PNP

- Housing \varnothing 50 mm
- Housing material: PA / PPO
- Sensing distance 1...50 mm adjustable
- II 3G EEx nA II T6 X, for use in zone 2
- II 3D IP67 T101° C X, for use in zone 22
- With flange connector M 12 x 1

Certificate:



Technical data	Flush mountable
Operating distance S_n	30 mm
Operating distance min. / max. adjustable	1...50 mm
Electrical version	4-pin DC
Output	Antivalent
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	
	KAS-80-50-A-Y5-3G-3D
Art.-No.	KA 1163
Connection diagram No.	6
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.	100 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
Accessories (is delivered with the unit)	
	Protective clip
For matching connectors please see our selection of accessories.	

*With sealed potentiometer screw

