



Capacitive Sensors

Series 80 - PNP

Housing Ø 50 mm

- Housing material: PA
- Sensing distance 1...50 mm adjustable
- With flange connector M 12 x 1

With manufacturer certificate

for use in zone 2 (gas)

for use in zone 22 (dust)

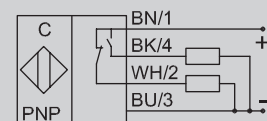
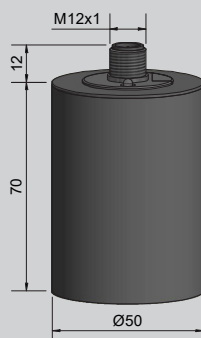
Ex II 3G Ex nA IIC T6 Gc X

Ex II 3D Ex mc IIIC T101°C Dc IP67 X



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 PNP	KAS-80-50-A-D50-PA-Y5-1-HP-3G-3D
Art.-No.	KA 1163
Operating voltage (U_B)	10...35 V DC
Operating current (I_o)	2 x 0...250 mA
Voltage drop max. (U_o)	≤ 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 (A-coded)
Housing material	PA
Active surface	PA
Lid	PA
Media optimized	Yes
Accessories (is delivered with the unit)	Protective clip
Matching connectors (not delivered with the sensor)	#191910, #193391, #193392

*With sealed potentiometer screw



Made in Germany