



Capacitive Sensors

Series 80 - PNP

Housing M 18 x 1

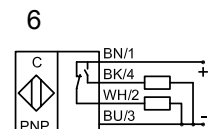
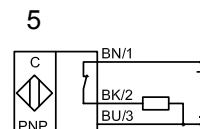
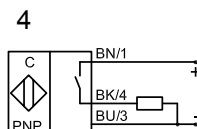
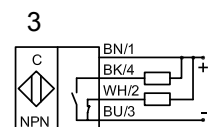
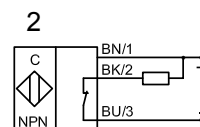
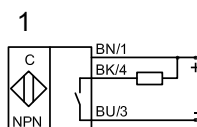
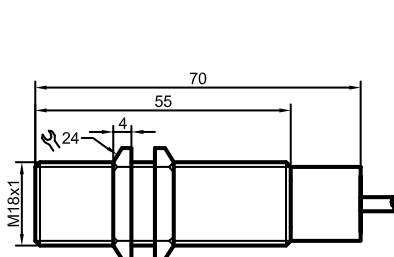
- Housing material: Brass
- Sensing distance 1...8 mm adjustable
- Useable for an ambient temperature up to +100 °C
- For use in zone 22

Certificate:



Technical data	Flush mountable
Operating distance S_n	5 mm
Operating distance min. / max. adjustable	1...8 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	KAS-80-A13-A-100°C
Art.-No.	KA 0107
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.	50 Hz
Permitted ambient temperature	-25...+100 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 529	IP 67
Norm	EN 60947-5-2
Connection cable	2 m, silicone, 4 x 0.34 mm ²
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO

All specifications are subject to change without notice. (22.03.2010)



Made in Germany