



Capacitive Sensors

Series 80 - PNP

Housing M 12 x 1

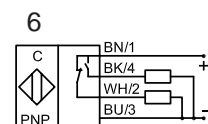
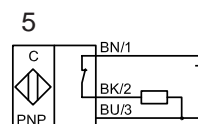
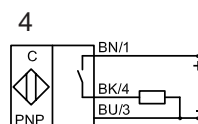
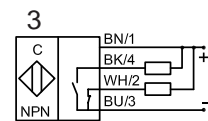
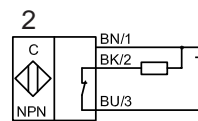
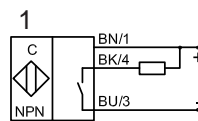
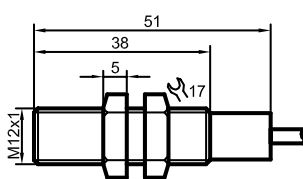
- Housing material PPO
- Sensing distance 0.5...5 mm adjustable

Certificate:



Technical data	Flush mountable
Operating distance S_n	2 mm
Operating distance min./max. adjustable	0.5...5 mm
Electrical version	4-wire DC
Output	Antivalent (NO + NC)
Type NPN	
Art.-No.	
Connection diagram No..	
Type PNP	KAS-80-A12-A-K
Art.-No.	800 160
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Load current min.	-
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...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable	2 m, PUR, 4 x 0.14 mm ²
Housing material	PPO
Active surface	PPO
Lid	PA / PPO

All specifications are subject to change without notice. (01.12.2008)



Made in Germany