



Capacitive Sensors

Series 80 - PNP

Housing M 18 x 1

- Housing material: PTFE
- Ideal for detection of chemically aggressive media
- Also suitable for food applications
- Sensing distance 0.5...10 mm adjustable

Certificate:



QuattroEtcProtect™

Technical data

Flush mountable

Operating distance S_n	5 mm
Operating distance min./max. adjustable	0.5... 10 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)

Type NPN

Art.-No.

Connection diagram No.

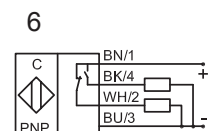
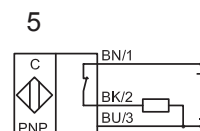
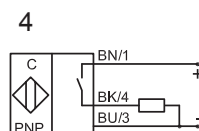
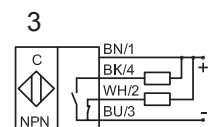
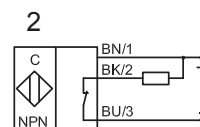
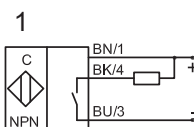
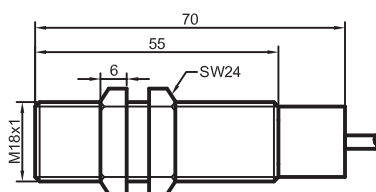
Type PNP

KAS-80-A13-A-K-PTFE

Art.-No.

KA 0459

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_o)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	300 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	5 m, PTFE, 4 x 0.22 mm ²
Housing material	PTFE (FDA 21 DFR 177.1550)
Active surface	PTFE (FDA 21 DFR 177.1550)
Lid	PTFE (FDA 21 DFR 177.1550)
Media optimized	Yes



Made in Germany