



**Capacitive Sensors**

**Series 80 - PNP**

Housing M 18 x 1

- Housing material: PA/PPO
- Sensing distance 1...10 mm adjustable
- With flange connector M 12 x 1



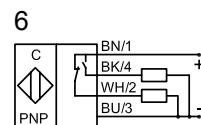
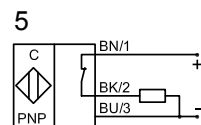
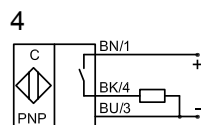
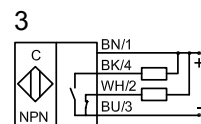
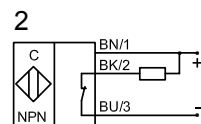
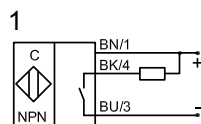
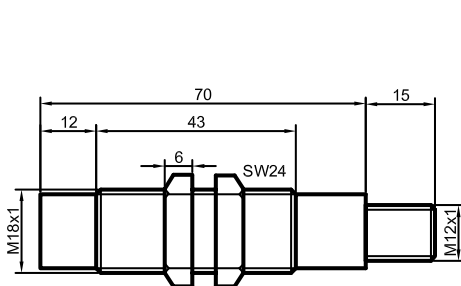
Certificate:



**Technical data**

Operating distance $S_n$	8 mm	Non-flush mountable
Operating distance min. / max. adjustable	1...10 mm	
Electrical version	4-pin DC	
Output	Antivalent (NO + NC)	
<b>Type NPN</b>		
<b>Art.-No.</b>		
Connection diagram No.		
<b>Type PNP</b>		
<b>KAS-80-A23-A-K-Y3-NL</b>		
<b>Art.-No.</b>		
<b>KA 0445</b>		
Connection diagram No.		
6		
Operating voltage ( $U_B$ )		
12...30 V DC		
Output current max. ( $I_o$ )		
2 x 200 mA		
Load current min.		
-		
Voltage drop max. ( $U_d$ )		
≤ 2.0 V		
Permitted residual ripple max.		
5 %		
No-load current ( $I_o$ )		
< 15 mA		
Frequency of operating cycles max.		
50 Hz		
Permitted ambient temperature		
-25...+70 °C		
LED-display		
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		
-		

All specifications are subject to change without notice. (27.01.2010)



**Made in Canada**