



**Capacitive Sensors**  
**Series 70 - NPN**  
**Series 80 - PNP**

- Housing M 30 x 1.5
- Housing material: PA/PPO
  - Sensing distance 2...25 mm adjustable
  - With flange connector M 12 x 1

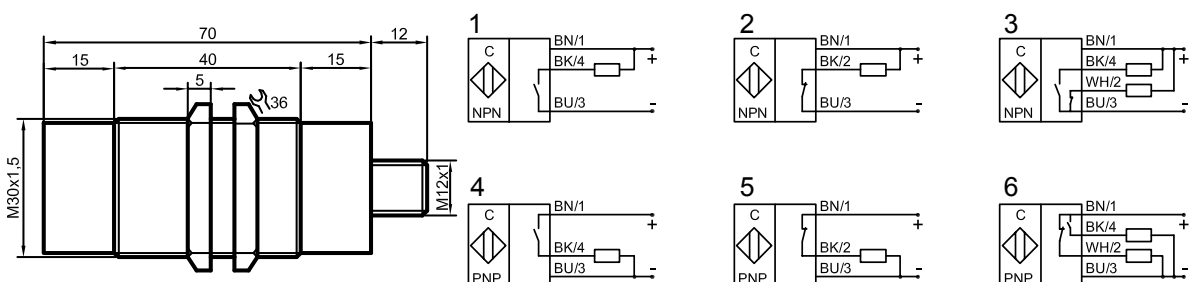
Certificate:



**Technical data**

	Non-flush mountable
Operating distance $S_n$	15 mm
Operating distance min. / max. adjustable	2...25 mm
Electrical version	4-pin DC
Output	Antivalent (NO+NC)
<b>Type NPN</b>	<b>KAS-70-A24-A-K-Y3-NL</b>
<b>Art.-No.</b>	<b>KA 0351</b>
Connection diagram No.	3
<b>Type PNP</b>	<b>KAS-80-A24-A-K-Y3-NL</b>
<b>Art.-No.</b>	<b>KA 0333</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. ( $U_d$ )	$\leq 2.0$ 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	PA / PPO

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



**Made in Germany**