



## Capacitive Sensors

Series 70 - NPN  
Series 80 - PNP



- Housing  $\varnothing$  30 mm
- Housing material: Brass
  - Sensing distance 0.5...30 mm adjustable

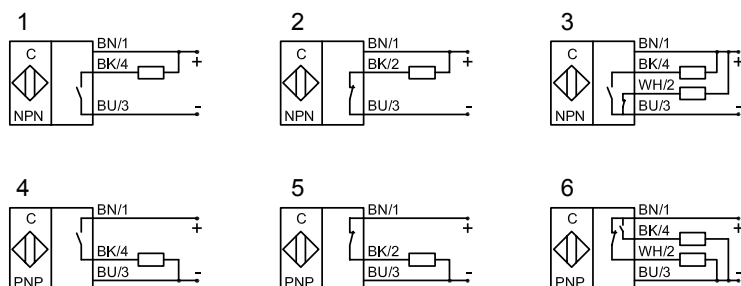
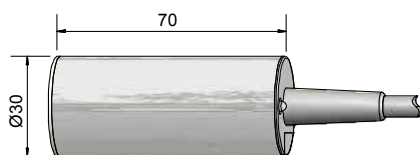
Certificate:



Technical data	Flush mountable
Operating distance $S_n$	20 mm
Operating distance min. / max. adjustable	0.5...30 mm
Electrical version	4-wire DC
Output function	Antivalent
<b>Type NPN</b>	<b>KAS-70-30-A</b>
<b>Art.-No.</b>	<b>714 200</b>
Connection diagram No.	3
<b>Type PNP</b>	<b>KAS-80-30-A</b>
<b>Art.-No.</b>	<b>814 200</b>
Connection diagram No.	6
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_o$ )	2 x 250 mA
Voltage drop max. ( $U_d$ )	$\leq 2.0$ V
Permitted residual ripple max.	10 %
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	200 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, PVC, 4 x 0.5 mm <sup>2</sup>
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes

**Assessors** for mounting (is not delivered with the sensor) please see our selection of accessories.

\* With sealed potentiometer screw



Made in Germany

All specifications are subject to change without notice. (06/2014)