



## Capacitive Sensors

Series 70 - NPN  
Series 80 - PNP



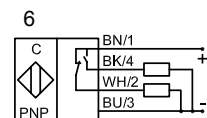
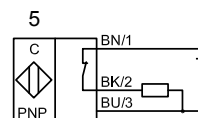
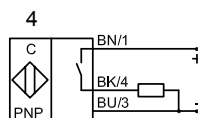
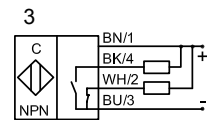
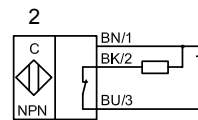
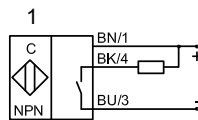
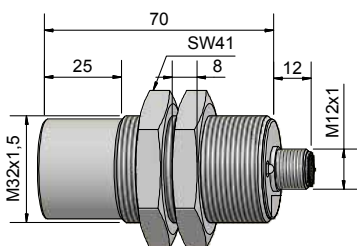
- Housing M 32 x 1.5
- Housing material: PA / PPO
  - Sensing distance 1...40 mm adjustable
  - With flange connector M 12 x 1

Certificate:



Technical data	Non-flush mountable
Operating distance $S_n$	25 mm
Operating distance min. / max. adjustable	1...40 mm
Electrical version	4-pin DC
Output function	Antivalent
<b>Type NPN</b>	<b>KAS-70-35-A-M32-Y5</b>
<b>Art.-No.</b>	<b>720 400</b>
Connection diagram No.	3
<b>Type PNP</b>	<b>KAS-80-35-A-M32-Y5</b>
<b>Art.-No.</b>	<b>820 400</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. ( $U_d$ )	≤ 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	Flange connector M 12 x 1
Housing material	PA / PPO
Active surface	PA / PPO
Lid	PA / PPO
Media optimized	Yes
<b>Accessories</b> (is delivered with the sensor)	2 pieces nuts M 32
For matching connectors please see our selection of accessories.	

\* With sealed potentiometer screw



Made in Germany

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