



## Capacitive Sensors

Series 70 - NPN  
Series 80 - PNP



- Housing M 12 x 1
- Housing material: Stainless steel VA
  - Sensing distance 0...6 mm adjustable
  - With flange connector M 12 x 1

Certificate:

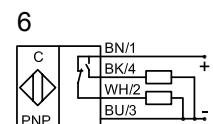
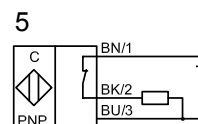
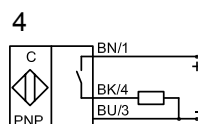
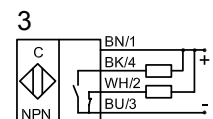
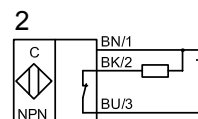
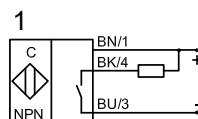
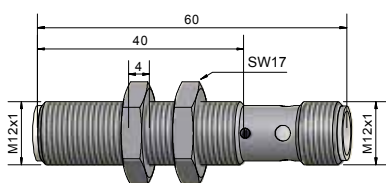


Technical data	Flush mountable
Operating distance $S_n$	2 mm
Operating distance min. / max. adjustable	0...6 mm
Electrical version	4 pin DC
Output function	Antivalent
<b>Type NPN</b>	<b>KAS-70-A12-A-Y5</b>
<b>Art.-No.</b>	<b>700 724</b>
Connection diagram No.	3
<b>Type PNP</b>	<b>KAS-80-A12-A-Y5</b>
<b>Art.-No.</b>	<b>800 724</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.	500 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	VA No. 1.4305
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	-
Media optimized	Yes

**Accessories** (is delivered with the sensor) 2 pieces nuts M 12

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)