



Capacitive Sensors

Series 70 - NPN
Series 80 - PNP



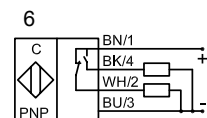
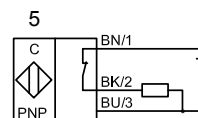
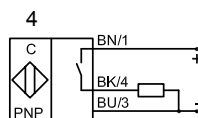
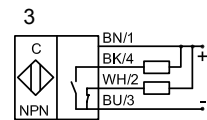
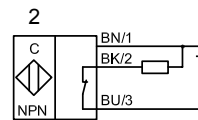
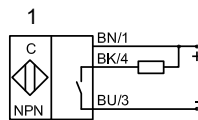
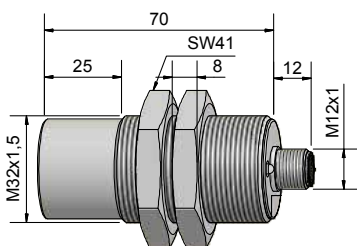
- Housing M 32 x 1.5
- Housing material: PA / PPO
 - Sensing distance 1...40 mm adjustable
 - With flange connector M 12 x 1

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
Type NPN	KAS-70-35-A-M32-Y5
Art.-No.	720 400
Connection diagram No.	3
Type PNP	KAS-80-35-A-M32-Y5
Art.-No.	820 400
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
Accessories (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)