



Capacitive Sensors Series 70 - NPN Series 80 - PNP

Housing Ø 30 mm

- Housing material: PA
- Non-flush mountable
- Sensing distance 1...40 mm adjustable

Certificate:



Technical data

Operating distance S_n [mm], flush mounting	25, no	25, no
Operating distance min./max. [mm] adjustable	1...40	1...40
Electrical version	3-wire DC	4-wire DC
Output	NO	antivalent
Type NPN	KAS-70-35-S	KAS-70-35-A
Art.-No.	719 400	719 000
Connection diagram No.	1	3

Type PNP	KAS-80-35-S	KAS-80-35-A
Art.-No.	819 400	819 000
Connection diagram No.	4	6
Operating voltage (U_B)	10...35 V DC	10...35 V DC
Output current max. (I_o)	400 mA	2 x 250 mA
Load current min.	-	-
Voltage drop max. (U_d)	≤ 2.0 V	≤ 2.0 V
Permitted residual ripple max.	10 %	10 %
No-load current (I_o)	typ. 15 mA	typ. 15 mA
Frequency of operating cycles max.	50 Hz	50 Hz
Permitted ambient temperature	-25...+70°C	-25...+70°C
LED-display	yellow	green/yellow
Protective circuit	built-in	built-in
Degree of protection IEC 529	IP 67	IP 67
Connection cable	2 m 3 x 0.75 mm ²	2 m, 4 x 0.5 mm ²
Housing material	PA	PA
Active surface	PA	PA
Lid	PA	PA

All specifications are subject to change without notice. (05/2004)

