



Capacitive Sensors

Series 80 - PNP

Housing M32 x 1.5

- Housing material: stainless steel VA
- Useable for an ambient temperature up to +100°C
- Non-flush mountable
- Sensing distance 1...40 mm adjustable

Certificate:



Technical data

Operating distance S_n [mm], flush mounting	25, no
Operating distance min./max. [mm] adjustable	1...40
Electrical version	4-wire DC
Output	antivalent
Type NPN	
Art.-No.	
Connection diagram No.	

Type PNP	KAS-80-34-A-M32-PTFE/2A-100°C
Art.-No.	818 545
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_e)	2 x 250 mA
Load current min.	-
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I_0)	typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+100°C
LED-display	green/yellow
Protective circuit	built-in
Degree of protection IEC 529	IP 67
Connection cable	2 m 4 x 0.5 mm ²
Housing material	VA No. 1.4305
Active surface	PTFE
Lid	PA

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

