



Capacitive Sensors

Series 80 - PNP

Housing M32 x 1.5

- Housing material: brass
- Flush mountable
- Sensing distance 0.5...30 mm adjustable
- II 3D IP67 T101°C X
- For use in zone 22

Certificate:

Technical data

Operating distance S_n [mm], flush mounting	20, yes
Operating distance min./max. [mm] adjustable	0.5...30
Electrical version	4-wire DC
Output	antivalent
Type NPN	
Art.-No.	
Connection diagram No.	

Type PNP	KAS-80-30-A-M32-3D
Art.-No.	KA 0274
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_o)	typ. 15 mA
Frequency of operating cycles max.	200 Hz
Permitted ambient temperature	-25...+70°C
LED-display	green/yellow
Protective circuit	built-in
Degree of protection IEC 529	IP 67
Connection cable	2 m 4 x 0.50 mm ²
Housing material	brass
Active surface	PTFE
Lid	PA/PPO

All specifications are subject to change without notice. (01-12-2006)

