



Capacitive Sensors

Series 80 - PNP

Housing M32 x 1.5

- Housing material: brass
- Non-flush mountable
- Sensing distance 1...40 mm adjustable
- For level control of bulk material with very high static charges up to 25 KV (with protective wire)
- With flange connector M12 x 1

Certificate:

Technical data

Operating distance S_n [mm], flush mounting	25, no
Operating distance min./max. [mm] adjustable	1...40
Electrical version	5-pin DC
Output	antivalent
Type NPN	
Art.-No.	
Connection diagram No.	

Type PNP	KAS-80-34-A-M32-PTFE/Ms-EST-Y10
Art.-No.	818 159
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	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.	50 Hz
Permitted ambient temperature	-25...+70°C
LED-display	green/yellow
Protective circuit	built-in
Degree of protection IEC 529	IP 67
Connection	flange connector M12 x 1
Housing material	brass
Active surface	PTFE
Lid	PA

All specifications are subject to change without notice. (28-07-2006)

