



## Capacitive Sensors

### Series 80 - PNP

#### Housing M32 x 1.5

- Housing material: brass
- Non-flush mountable
- Sensing distance 1...40 mm adjustable
- 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	4-pin DC
Output	antivalent
<b>Type NPN</b>	
<b>Art.-No.</b>	
<b>Connection diagram No.</b>	

<b>Type PNP</b>	<b>KAS-80-34-A-M32-PTFE/Ms-120°C-Y5</b>
<b>Art.-No.</b>	<b>KA 0299</b>
<b>Connection diagram No.</b>	<b>6</b>
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_B$ )	2 x 250 mA
Load current min.	-
Voltage drop max. ( $U_D$ )	$\leq 2.0$ 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...+120°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 / PPO

All specifications are subject to change without notice. (23-11-2005)

