



## 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
<b>Type NPN</b>	
<b>Art.-No.</b>	
<b>Connection diagram No.</b>	

<b>Type PNP</b>	<b>KAS-80-34-A-M32-PTFE/2A-100°C</b>
<b>Art.-No.</b>	<b>818 545</b>
<b>Connection diagram No.</b>	<b>6</b>
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 <sup>2</sup>
Housing material	VA No. 1.4305
Active surface	PTFE
Lid	PA

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

