



**Capacitive Sensors**  
**Series 70 - NPN**  
**Series 80 - PNP**

**Housing M32 x 1.5**

- **Housing material: stainless steel VA**
- **Non-flush mountable**
- **Sensing distance 0...8 mm adjustable**
- **For detection of strong adhesive and very conductive liquids.**

Certificate:



**Technical data**

Operating distance $S_n$ [mm], flush mounting	8, no
Operating distance min./max. [mm] adjustable	0..8
Electrical version	4-wire DC
Output	antivalent
<b>Type NPN</b>	<b>KAS-70-34-A-M32-PTFE/V2A-G</b>
<b>Art.-No.</b>	<b>717 320</b>
<b>Connection diagram No.</b>	<b>3</b>
<b>Type PNP</b>	<b>KAS-80-34-A-M32-PTFE/V2A-G</b>
<b>Art.-No.</b>	<b>817 320</b>
<b>Connection diagram No.</b>	<b>6</b>
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_o$ )	2 x 250 mA
Load current min.	-
Voltage drop max. ( $U_d$ )	$\leq 2.0$ 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 cable	2 m 4 x 0.50 mm <sup>2</sup>
Housing material	VA No. 1.4305
Active surface	PTFE
Lid	PA

All specifications are subject to change without notice. (08/2004)

