



## Capacitive Sensor Series 80 - PNP

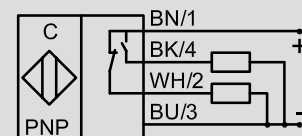
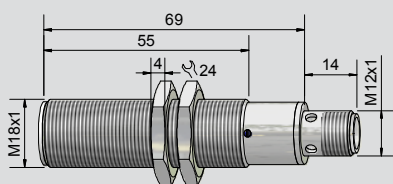
Housing M 18 x 1

- Capacitive sensor for level and position control
- Housing material: Stainless steel VA No. 1.4305 / AISI 303
- Sensing distance 0.5...10 mm adjustable
- With flange connector M 12 x 1



<b>Technical data</b>	Flush mountable
Operating distance $S_n$	5 mm
Operating distance min. / max. adjustable	0.5...10 mm
Electrical version	4-pin DC
Output function	Antivalent
<b>Type PNP</b>	<b>KAS-80-A13-A-M18-PTFE/VAAb-Y5-1-HP</b>
<b>Art.-No.</b>	<b>801 981</b>
Operating voltage ( $U_B$ )	10...35 V DC
Voltage drop max. ( $U_d$ )	$\leq 2,0$ V
Permitted residual ripple max.	10 %
Operating current ( $I_e$ )	2 x 0...250 mA
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	300 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1 (A-coded)
Housing material	Stainless steel VA No. 1.4305 / AISI 303
Active surface	PTFE (FDA 21 CFR 177.1550)
Media optimized	Yes
<b>Accessories</b> (delivered with the sensor)	2 nuts M 18 x 1
Matching connectors (not delivered with the sensor)	#193391, #193392

All specifications are subject to change without notice. (18.02.2020)



\* With sealed potentiometer screw

**Made in Germany**