



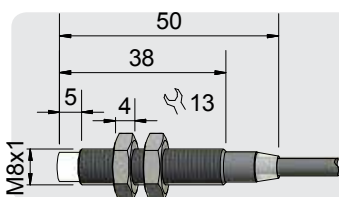
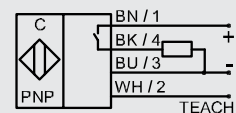
## Capacitive Sensors Series 80 - PNP

Housing M 8 x 1

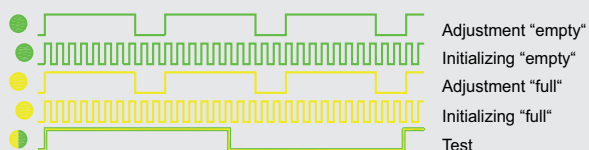
- Capacitive sensor for level and position control
- Housing material: Stainless steel VA No. 1.4305 (AISI 303)
- Operating distance adjustable with EasyTeach by Wire
- Optical guidance during the teach process with the aid of a 2-colour LED



<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	2 mm
Operating distance min. / max. adjustable	0,1...4 mm
Electrical version	3 wire DC
Output function	Normally open
<b>Type PNP</b>	<b>KAS-80-A21-S-M8-PTFE/VAb-Z02-ETW-HP</b>
<b>Art.-No.</b>	<b>KA 1542</b>
Operating voltage ( $U_B$ )	10...35 V DC
Voltage drop max. ( $U_d$ )	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current ( $I_e$ )	0...250 mA
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 60529	IP 67
Norm	EN 60947-5-2
Connection cable	2 m PVC, 4 x 0.14 mm <sup>2</sup>
Housing material	Stainless steel VA No. 1.4305 / AISI 303
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PC (FDA 21 CFR 177.1580)
<b>Accessories</b> (delivered with the sensor)	2 nuts M 8 x 1



**EasyTeach chart:**  
LED / Output function  
Yellow = A1  
Green = A1



**Made in Germany**