



## Capacitive Sensors Series 80 - PNP

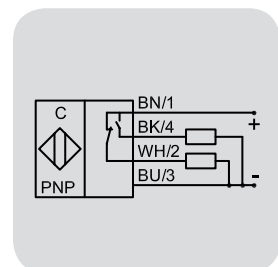
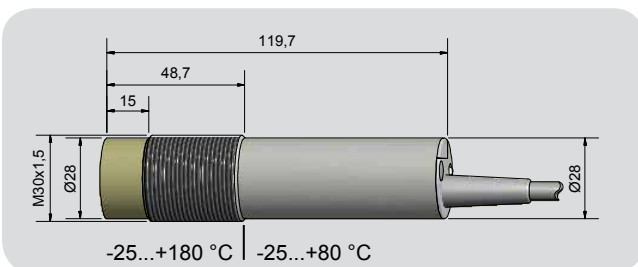
Housing M 30 x 1.5

- Housing material: Stainless steel VA No. 1.4305 / AISI 303
- Sensing distance 1...30 mm adjustable
- Maximum product temperature 180°C



Technical data	Non-flush mountable
Operating distance $S_n$	15 mm
Operating distance min. / max. adjustable	1...30 mm
Electrical version	4-wire DC
Output function	Antivalent
<b>Type PNP</b>	<b>KAS-80-A24/120-A-PEEK/VA-M30-180C-Z02-1-HP</b>
<b>Art.-No.</b>	<b>KA 1435</b>
Operating voltage ( $U_B$ )	10...30 V DC
Voltage drop max. ( $U_d$ )	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current ( $I_e$ )	2 x 0...150 mA
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+80 °C
Permitted product temperature	-25...+180 °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 0.5 mm <sup>2</sup>
Housing material	Stainless steel VA No. 1.4305 / AISI 303
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PA / PPO
Media optimized	Yes
<b>Accessories</b> (delivered with the sensor)	2 nuts M 30 x 1.5

\* With sealed potentiometer screw



**Made in Germany**

All specifications are subject to change without notice. (24.10.2017)