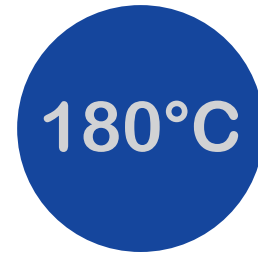




## Capacitive Sensors - Series 26 Series 80 - PNP

- Process connection: G 1"  
 • Housing material: PTFE  
 • Maximum ambient temperature 180°C

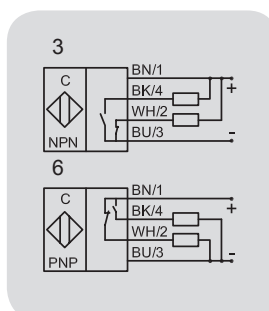
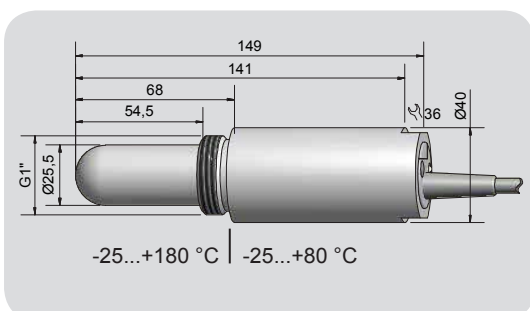


Technical data	Non-flush mountable
Level sensor, in contact with the product	Medium dependent adjustable
Operating distance min. / max. adjustable	0...20 mm
Electrical version	4-wire DC
Output function	Antivalent
<b>Type PNP</b>	<b>KAS-80-26/150-A-K-G1-PTFE-180C-Z02-1-HP</b>
<b>Art.-No.</b>	<b>KA 1441</b>
Connection diagram No.	6
Operating voltage (U <sub>b</sub> )	10...30 V DC
Voltage drop max. (U <sub>d</sub> )	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I <sub>e</sub> )	2 x 0...150 mA
No-load current (I <sub>o</sub> )	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+80 °C
Permitted ambient temperature (for active zone)	-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	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA
Media optimized	Yes
<b>Accessories</b> (not delivered with the sensor): For varivent adapter, triclamp adapter and welding socket please see our selection of accessories.	

Capacitive Sensors of the 26 series with hemispherical active surface for level control of products with a dielectric constant  $\epsilon_r$  from of 1,1. Products can be:

- Bulk material, like plastic granules, powder, cereals, etc.
- Liquids, like water, juice, wine, oil, chemicals or pharmaceutical solutions and much more.
- Pastes in the food processing industry, liquid glue, resins or glue, etc.

\* With sealed potentiometer screw



Made in Germany

All specifications are subject to change without notice. (22.09.2016)