



## Capacitive Sensors Series 80 - PNP

Housing Ø 26 mm

- Housing material: Stainless steel VA No. 1.4404
- Sensing distance 0,5...20 mm adjustable
- With flange connector M 12 x 1

With manufacturer certificate

for use in zone 2

for use in zone 22

Ex II 3G Ex nA IIC T6 Gc X

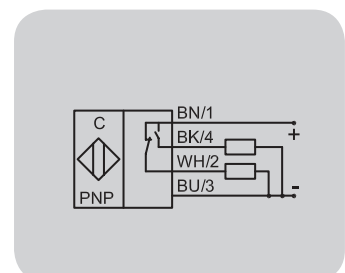
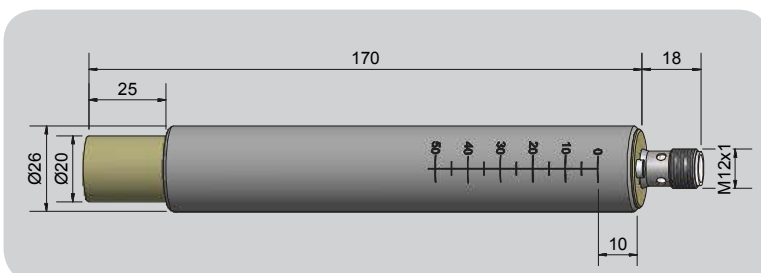
Ex II 3D Ex mc IIIC T101°C Dc IP67 X



<b>Technical data</b>	Non-flush mountable
Operating distance Sn	12 mm
Operating distance min./max. adjustable	0.5...20 mm
Electrical version	4-pin DC
Output	Antivalent (NO+NC)
<b>Type PNP</b>	<b>KAS-80-23/170-A PEEK/VA-Y5-3G-3D</b>
<b>Art.-No.</b>	<b>KA 1044</b>
Connection diagram No.	see below
Operating voltage (U <sub>B</sub> )	10...35 V DC
Voltage drop max. (U <sub>d</sub> )	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current (I <sub>o</sub> )	Typ. 15 mA
Output current max. (I <sub>e</sub> )	2 x 0...150 mA
Frequency of operating cycles max.	100 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
Housing material	VA No. 1.4404
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PEEK (FDA 21 CFR 177.2415) / VA No. 1.4404

All specifications are subject to change without notice. (02.02.2016)

\* With sealed potentiometer screw



**Made in Germany**