



## Capacitive Sensors Series 2000 - **quattro**<sup>13</sup>

Housing M 32 x 1.5

- Housing material: Stainless steel VA
- For level control with a product temperature up to +160 °C
- Sensing distance 2...20 mm adjustable
- Multifunction sensor: NPN / PNP;  
NO / NC function switchable
- With flange connector M 12 x 1

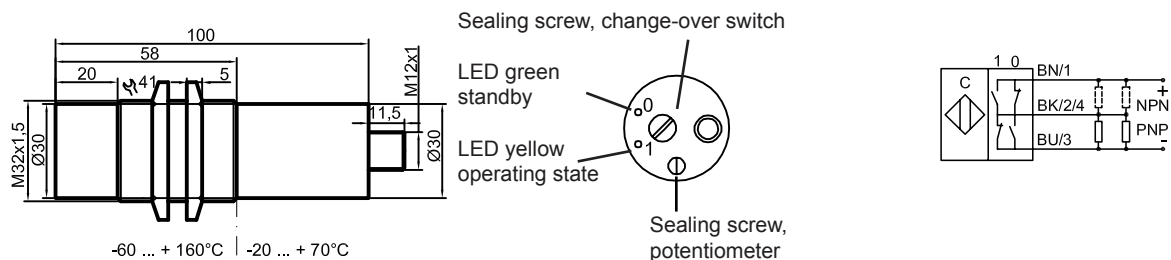
Certificate:



Quattro<sup>13</sup> Protect™

<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	15 mm
Operating distance min./max. adjustable	2...20 mm
Electrical version	3-pin DC
Output	NO / NC function switchable
<b>Type NPN / PNP switchable</b>	<b>KAS-2000-34-M32-PTFE/V2A-160°C-Y3</b>
<b>Art.-No.</b>	<b>771 105</b>
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_o$ )	400 mA
Voltage drop max. ( $U_d$ )	≤ 2.0 V
Permitted residual ripple max.	10%
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-60...+160 °C / -20...+70 °C
LED-display	Green & 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. 1.4305
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO

All specifications are subject to change without notice. (31.03.2010)



**Made in Germany**