



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

- Housing M 32 x 1.5
- Housing material: Brass
  - Sensing distance 3...30 mm adjustable
  - Multifunction sensor: NPN / PNP  
NO / NC function switchable
  - With flange connector M 12 x 1

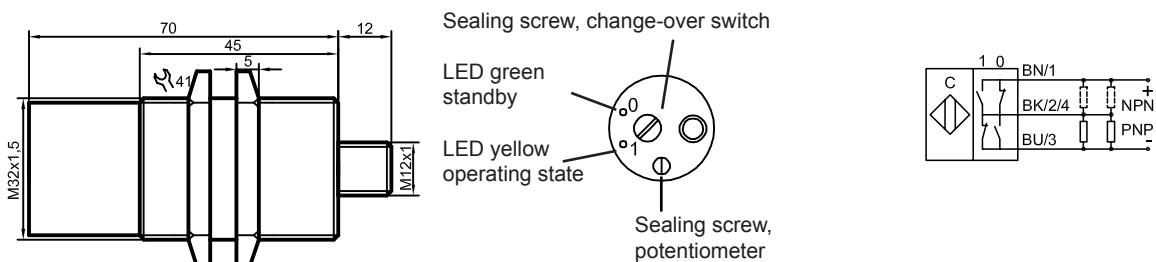
Certificate:



Quattro<sup>13</sup> E<sub>13</sub>C Protect™

Technical data	Non-flush mountable
Operating distance $S_n$	25 mm
Operating distance min. / max. adjustable	3...30 mm
Electrical version	3-pin DC
Output function	NO / NC switchable
<b>Type NPN / PNP switchable</b>	<b>KAS-2000-34-M32-PTFE/MS-Y3</b>
<b>Art.-No.</b>	<b>770 950</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	-25...+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	Brass
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**