



Capacitive Sensors Series 40 - NAMUR

Housing Ø 10 mm

- Housing material: Stainless steel VA
- Sensing distance 1...4 mm adjustable, if used in connection with the switching amplifier TS-120...

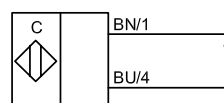
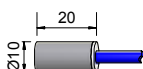
Certificate:



Technical data

Flush mountable

Operating distance S_n	2 mm
Operating distance min./max. adjustable	1...4 mm
Electrical version	2-wire DC
Output function	NAMUR EN 60947-5-6
Type	KAS-42-10/20-N-D10-PTFE/VAb-Z02-0
Art.-No.	KA 0313
Operating voltage (U_B)	5...10 V DC
Output current active surface free	< Typ. 1.5 mA
Output current active surface covered	> Typ. 2.5 mA
Self-inductance (L)	390 mH
Self-capacitance (C)	250 nF
Permitted residual ripple max.	5 %
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	-
Degree of protection IEC 60529	IP 67
Connection cable	2 m, PVC, 2 x 0.14 mm ²
Housing material	VA No. 1.4305
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PTFE (FDA 21 CFR 177.1550)



All specifications are subject to change without notice. (01/2018)

Made in Germany