



Capacitive Sensors Series 40 - NAMUR

Housing M 8 x 1

- Housing material: Stainless steel VA
- Sensing distance 0.5...3 mm adjustable, if used in connection with the switching amplifier TS-120...

Certificate:

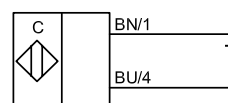
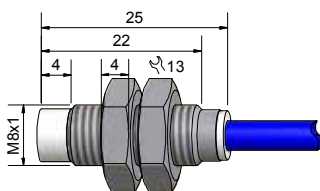


Technical data

Non-flush mountable

Operating distance S_n	2 mm
Operating distance min. / max. adjustable	0.5...3 mm
Electrical version	2-wire DC
Output function	NAMUR EN 60947-5-6
Type	KAS-42-M8/25-N-PTFE/VAb-Z02-0
Art. No.	400 490
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)	210 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, PUR, 2 x 0.14 mm ²
Housing material	VA No. 1.3405
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PTFE (FDA 21 CFR 177.1550)

Accessories (is delivered with the unit)	2 pieces nuts M 8
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Made in Germany

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