



Capacitive Sensors Serie 40 - NAMUR EN 60947-5-6

Housing Ø 38 mm

- Leakage control in clean room/ alarm for containers and pipelines. Mounting in "drip trays" of plastic, glass or metal
- Housing material: PTFE
- Semiconductor Industry, chemical Industry

Certificate:

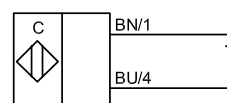
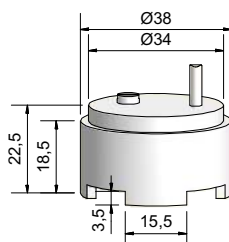


DMT 03 ATEX E 048	IECEX BVS 07.0031
Ex II 2 G EEx ia IIC T1-T4	Ex ia IIC T1-T6

Technical data

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 DIN 60947-5-6
Type	KAS-40-LEAK-PTFE-N
Art. No.	KA 9255
Operating voltage (U_B)	U_i 15 V DC
Output current active surface free	< typ. 1.5 mA
Output current active surface covered	> typ. 3 mA
Self-inductance (L)	0.2 mH
Self-capacitance (C)	250 nF
Permitted residual ripple max.	5 %
Frequency of operating cycles max.	50 Hz
Permitted ambient temperature	Clean room conditions
LED-display	Red
Degree of protection IEC 60529	IP 67
Connection cable	2 m, screened, PTFE; 2 x 0.14 mm ²
Housing material	PTFE (FDA 21 CFR 177.1550)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PTFE (FDA 21 CFR 177.1550)



All specifications are subject to change without notice. (19.09.2011)

Made in Korea