



Capacitive Sensors Series Leak - ATEX

Housing Ø 38 mm

- For use in areas with the risk of gas explosion, zone 0
- 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

DMT 03 ATEX E 048

IECEX BVS 07.0031

Ex II 1G Ex ia IIC T1-T6 Ga

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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 current	KAS-40-39/23-N-D38-PTFE-Z02-1-Leak-1G
Type	KAS-40-LEAK-PTFE-N
Art.-No.	KA 9255
Operating voltage (U_B)	5 - 15 V DC, $U_i = 15$ V DC
Output current active surface free	< typ. 1.5 mA
Output current active surface covered	> typ. 2.5 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 529	IP 67
Connection cable	2 m, screened, FEP, 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)

