



Capacitive Sensors with Analogue Output Series 80 - PNP

Output current 4...20 mA
Voltage output 0...10 V

Housing M 12 x 1

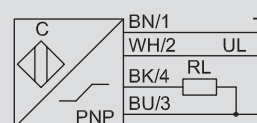
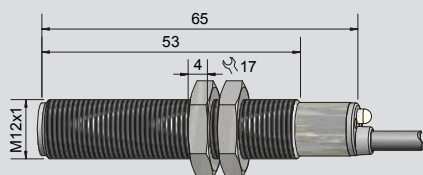
- Housing material: Stainless steel VA No. 1.4305 (AISI 303)
- Operating range 0...5 mm
- Current and voltage output in the same sensor.



Technical data	Flush mountable
Operating range	0...5 mm
Linear range	0...4 mm
Electrical version	4-wire DC
Output function	Analogue
Type Analogue	KAS-80-A12-IL4/UL0-M12-PTFE/VAb-Z02-1-HP
Art. No.	KA 1307
Operating voltage (U_B)	15...30 V DC
Output signal	4...20 mA, 0...10 V
Permitted residual ripple max.	5 %
No-load current (I_o)	≤ 40 mA
Output current active surface free	≤ 4 mA
Output current active surface covered	≥ 20 mA
Load resistor (R_L)	0...600 Ohm
Permitted ambient temperature	0...+70 °C
LED-display	Yellow / green
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2, EN 60947-5-7**
Connection	2 m, PUR, 4 x 0.14 mm ²
Housing material	Stainless steel VA No. 1.4305 / AISI 303
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA
Accessories (delivered with the sensor)	2 nuts M 12 x 1

* With sealed potentiometer screw

** Where applicable



Made in Germany