



Capacitive Sensors with analogue output

Series 80 - IL

Housing Ø 30

- Housing material: Brass
- Operating range 0...30 mm
- With flange connector M 12 x 1

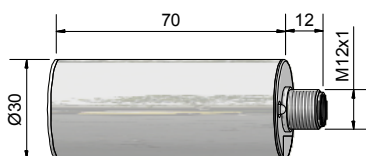
Certificate:



Technical data

Flush mountable

Operating range	0...30 mm
Linear range	0...20 mm
Electrical version	3-pin DC
Output function	Analogue
Type Analogue PNP	KAS-80-30-IL-Y5
Art.-No.	815 100
Operating voltage (U_B)	15...30 V DC
Output current max. (I_o)	≥ 20 mA... ≤ 4 mA
Permitted residual ripple max.	5 %
No-load current (I_o)	≤ 40 mA
Output current active surface free	≥ 20 mA
Output current active surface covered	≤ 20 mA... ≤ 4 mA
Load resistor	$R_L = 0...300$ Ohm
Permitted ambient temperature	0...+60 °C
LED-display	Yellow / green
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection	Flange connector M 12 x 1
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO



Made in Germany

All specifications are subject to change without notice. (18.10.2011)