



## Capacitive Sensors

### Series 80 - IL- Analogue Output

Housing M 30 x 1.5

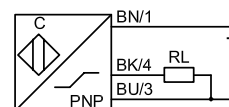
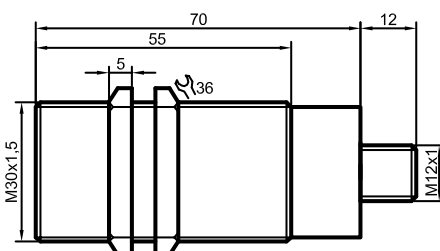
- Housing material: Brass
- Sensing distance 0...20 mm adjustable
- With flange connector M 12 x 1

Certificate:



<b>Technical data</b>	Flush mountable
Operating range	0...20 mm
Linear range	0...14 mm
Electrical version	3-pin DC
Output function	Analogue
<b>Type Analogue</b>	<b>KAS-80-A14-IL-Y5</b>
<b>Art.-No.</b>	<b>806 500</b>
Operating voltage ( $U_b$ )	15...30 V DC
Output current max. ( $I_o$ )	$\geq 20$ mA... $\leq 4$ mA
Permitted residual ripple max.	5 %
No-load current ( $I_o$ )	$\leq 40$ mA
Output current active surface free	$\geq 20$ mA
Output current active surface covered	$\leq 20$ mA... $\leq 4$ mA
Load resistor	$R_L = 0...300$ Ohm
Permitted ambient temperature	0...+60 °C
LED-display	Green / yellow / green
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

All specifications are subject to change without notice. (01.04.2010)



**Made in Germany**