



**Capacitive Sensors with analogue output**  
**Series 80 - PNP**  
**Output current 4...20 mA**

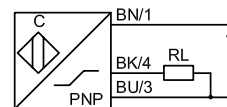
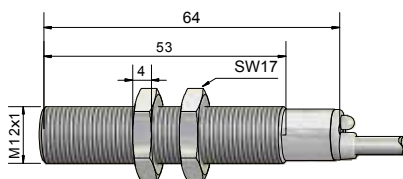
- Housing M 12 x 1
- Housing material: Brass
  - Operating range 0...5 mm

Certificate:



<b>Technical data</b>	Flush mountable
Operating range	0...5 mm
Linear range	0...3.5 mm
Electrical version	3-wire DC
Output function	Analogue
<b>Type Analogue PNP</b>	<b>KAS-80-A12-IL</b>
<b>Art.-No.</b>	<b>800 400</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	Yellow / green
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67*
Norm	EN 60947-5-2
Connection cable	2 m, PUR, 3 x 0.14 mm <sup>2</sup>
Housing material	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
<b>Accessories</b> (is delivered with the sensor)	2 pieces nuts M 12

\* With sealed potentiometer screw



All specifications are subject to change without notice. (06/2014)

**Made in Germany**