



## Capacitive Sensors

### Series 80 - PNP

Housing M 30 x 1.5

- Housing material: PPO
- Sensing distance 0.5...25 mm adjustable

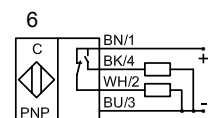
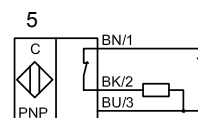
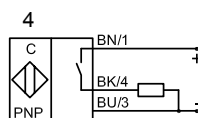
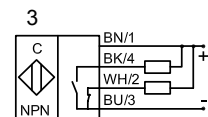
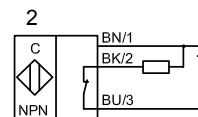
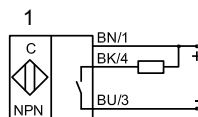
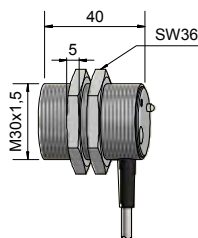


Certificate:



Quattro<sup>ETC</sup>Protect™

Technical data	Flush mountable
Operating distance $S_n$	10 mm
Operating distance min. / max. adjustable	0.5...25 mm
Electrical version	4-wire DC
Output	Antivalent (NO + NC)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>KAS-80-A14/40-A-K</b>	
<b>KA 0835</b>	
Connection diagram No.	
6	
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_o$ )	2 x 200 mA
Voltage drop max. ( $U_d$ )	≤ 2.0 V
Permitted residual ripple max.	10 %
No-load current ( $I_o$ )	Typ. 15 mA
Frequency of operating cycles max.	200 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable	2 m, PUR, 4 x 0.14 mm <sup>2</sup>
Housing material	PPO
Active surface	PPO
Lid	PA / PPO
Media optimized	Yes



**Made in Germany**

All specifications are subject to change without notice. (05.10.2011)