



## Capacitive Sensors

### Series 80 - PNP

- Housing 120 x 80 x 30 mm
- Housing material: PBT
- Sensing distance 2...70 mm adjustable



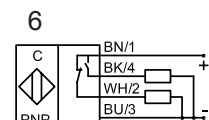
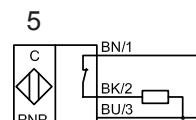
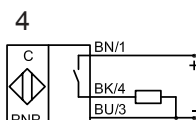
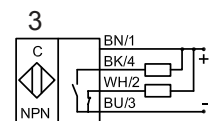
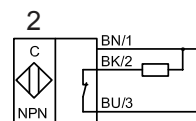
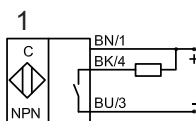
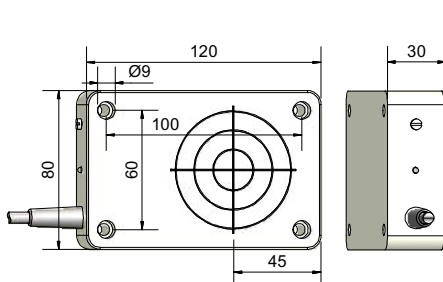
Certificate:



QuattroEtcProtect™

#### Technical data

Operating distance $S_n$	40 mm	Non-flush mountable
Operating distance min. / max. adjustable	2...70 mm	
Electrical version	4-wire DC	
Output function	Antivalent (NO + NC)	
<b>Type NPN</b>		
<b>Art.-No.</b>		
Connection diagram No.		
<b>Type PNP</b>		
<b>Art.-No.</b>		
<b>KAS-80-C40-NF-80/120-A</b>		
<b>Art.-No.</b>		
<b>KA 1077</b>		
Connection diagram No.		
6		
Operating voltage ( $U_B$ )	10...35 V DC	
Output current max. ( $I_o$ )	2 x 250 mA	
Voltage drop max. ( $U_o$ )	≤ 2.0 V	
Permitted residual ripple max.	10 %	
No-load current ( $I_o$ )	Typ. 15 mA	
Frequency of operating cycles max.	50 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, PVC, 4 x 0,5 mm <sup>2</sup>	
Housing material	PBT	
Active surface	PBT	
Lid	PBT	
Media optimized	Yes	



**Made in Germany**

All specifications are subject to change without notice. (07.02.2011)