



## Capacitive Sensors



### Series 80 - PNP

Housing M 32 x 1.5

- Housing material: Stainless steel VA
- Sensing distance 0.5...30 mm adjustable
- With flange connector M12 x 1

Certificate:



Quattro<sup>ETC</sup>Protect™

#### Technical data

Flush mountable

Operating distance $S_n$	20 mm
Operating distance min. / max. adjustable	0.5...30 mm
Electrical version	4-wire DC
Output function	Antivalent (NO + NC)

#### Type NPN

Art.-No.

Connection diagram No.

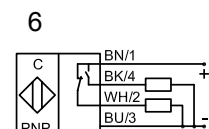
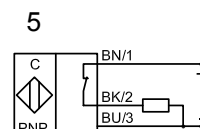
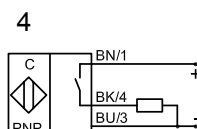
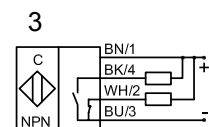
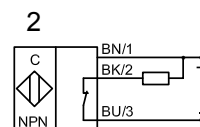
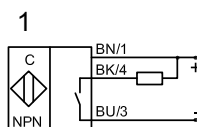
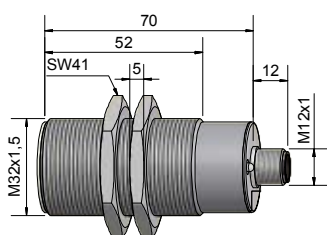
#### Type PNP

**KAS-80-30-A-M32-V2A-Y5**

Art.-No.

**816 002**

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.	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	Flange connector M 12 x 1
Housing material	VA No. 1.4305
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes



**Made in Germany**

All specifications are subject to change without notice. (26.05.2011)