



## Capacitive Sensors

### Series 80 - PNP

Housing M 30 x 1.5

- Housing material Brass
- Sensing distance 1...30 mm adjustable



Certificate:



QuattroEtcProtect™

#### Technical data

Non-flush mountable

Operating distance $S_n$	15 mm
Operating distance min. / max. adjustable	1...30 mm
Electrical version	4-wire DC
Output	Antivalent (NO + NC)

#### Type NPN

##### Art.-No.

Connection diagram No.

#### Type PNP

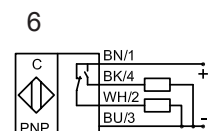
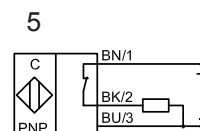
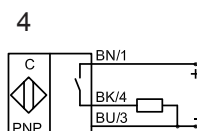
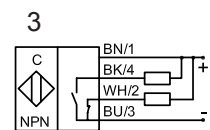
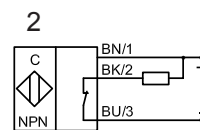
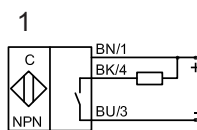
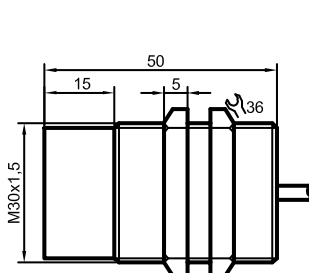
KAS-80-A24/50-A

##### Art.-No.

KA 0644

Connection diagram No.	6
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_o$ )	2 x 250 mA
Voltage drop max. ( $U_d$ )	≤ 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	Brass
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes

All specifications are subject to change without notice. (08.03.2010)



**Made in Germany**