RECHNER SENSORS

Capacitive Sensors

Series 80 - PNP

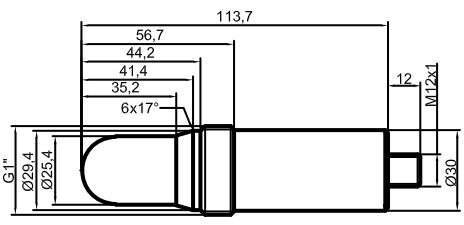
HIGH PERFORMANCE

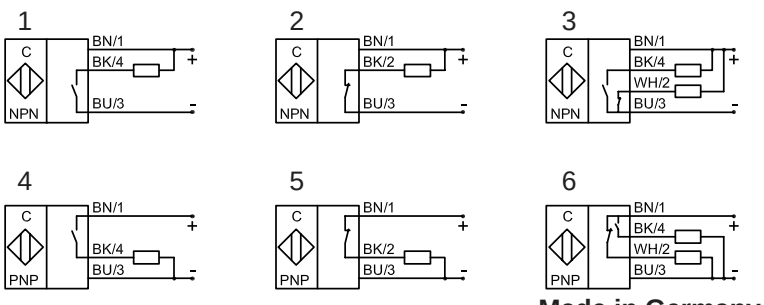
Housing Ø = 25,4 mm / 1” / 30 mm

- Housing material PTFE
- SIP / CIP 121° C
- Special housing for applications with high demands on hygiene
- Ideal of detection of chemically aggressive media
- Suitable for foods and parmaceutical applications
- Withflange connector M 12 x 1

Certificate: CE ETL US RoHS COMPLIANT

Technical data	Non-flush mountable
Operating distance Sn	5 mm
Operating distance min./max. adjustable	0...20 mm
Electrical version	4-pin DC
Output	Antivalent (NO + NC)
Type NPN	
Art.-No.	
Connection diagram No..	
Type PNP	**KAS-80-26-A-PEEK-1”-HG-Y5**
Art.-No.	**KA 0764**
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_e)	2 x 250 mA
Load current min.	-
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 / CIP 121° C (zero-current)
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	PEEK (FDA 21 CFR 177.2415)
Active surface	PEEK (FDA 21 CFR 177.2415)
Lid	PA





Made in Germany

All specifications are subject to change without notice. (20.01.2009)

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