



Capacitive Sensor Series 80 - PNP

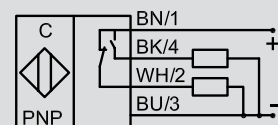
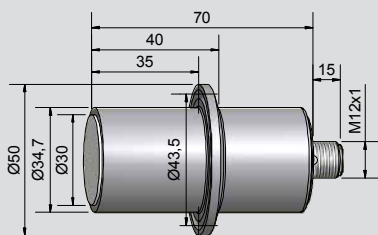
Housing Tri-Clamp

- Capacitive sensor for level and position control
- Housing material: Stainless steel, VA, No.1.4404 / AISI 316L
- Sensing distance 2...25 mm adjustable
- With flange connector M 12 x 1



Technical data	Flush mountable
Operating distance S_n	15 mm
Operating distance min. / max. adjustable	2...25 mm
Electrical version	4 - pin DC
Output function	Antivalent
Type PNP	KAS-80-30-A-TRI-PTFE/VAc-Y5-1-HP
Art.-No.	814 535
Operating voltage (U_B)	10...35 V DC
Voltage drop max. (U_d)	≤ 2.0 V
Permitted residual ripple max.	10 %
Operating current (I_e)	2 x 0...250 mA
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	100 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 (A-coded)
Housing material	Stainless steel, VA, No.1.4404 / AISI 316L (FDA conforming)
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO
Media optimized	Yes
Accessories (not delivered with the sensor): Stainless steel welding nipple DN 25 # 190751, Sealing gasket # 190752, Triclamp mounting clamp # 190750 please see our selection of accessories.	
Matching connectors (not delivered with the sensor)	#193391, #193392

All specifications are subject to change without notice. (18.02.2020)



* With sealed potentiometer screw

Made in Germany