



Inductive Sensors

Series 10 - PNP

Housing M 12 x 1

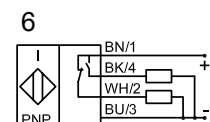
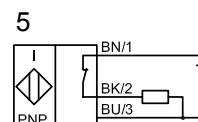
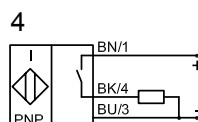
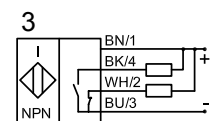
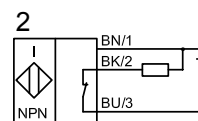
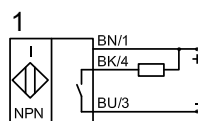
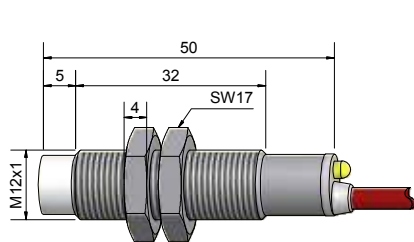
- Housing material: Stainless steel VA
- Sensing distance $S_n = 4\text{ mm}$
- Useable for an ambient temperature up to $+100\text{ °C}$

Certificate:



Technical data	Non-flush mountable
Operating distance S_n	4 mm
Electrical version	3-wire DC
Output	Normally open (NO)
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	IAS-10-A22-S-100°C
Art.-No.	102417
Connection diagram No.	4
Operating voltage (U_B)	10...35 V DC
Output current max. (I_e)	150 mA
Load current min.	-
Voltage drop max. (U_o)	$\leq 2.5\text{ V}$
Permitted residual ripple max.	10 %
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	2 kHz
Permitted ambient temperature	$-25...+100\text{ °C}$
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection	2 m, silicone, $3 \times 0,22\text{ mm}^2$
Housing material	VA No. 1.4305
Active surface	PTFE (FDA 21 CFR 177.1550)
Lid	PA / PPO

All specifications are subject to change without notice. (23.03.2011)



Made in Germany