



Inductive Sensors

Series 10 - PNP

Housing M 12 x 1

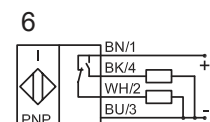
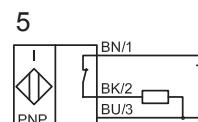
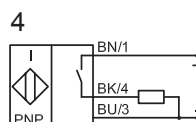
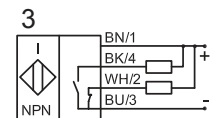
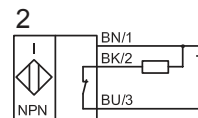
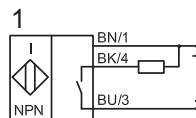
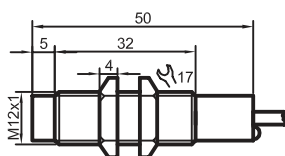
- Housing material Stainless steel VA
- Sensing distance $S_n = 4\text{ mm}$
- Useable for an ambient temperature up to $+100^\circ\text{C}$

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.	IA 0006
Connection diagram No.	4
Operating voltage (U_b)	10...35 V DC
Output current max. (I_o)	150 mA
Load current min.	-
Voltage drop max. (U_d)	$\leq 2.5\text{ V}$
Permitted residual ripple max.	10%
No-load current (I_o)	Typ. 15 mA
Frequency of operating cycles max.	2 kHz
Permitted ambient temperature	$-25...+100^\circ\text{C}$
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection	10 m, 3 x 0,22 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. (23.06.2009)



Made in Germany