



## Inductive Sensors

### Series 10 - PNP

Housing M 12 x 1

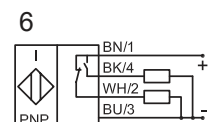
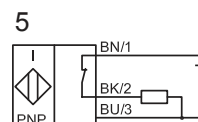
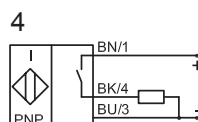
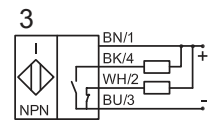
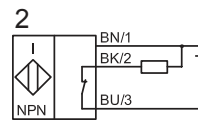
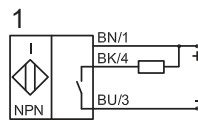
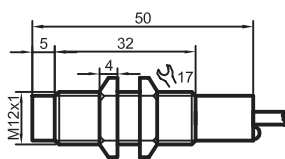
- Housing material Stainless steel VA
- Sensing distance  $S_n = 4$  mm
- Useable for an ambient temperature up to  $+100^\circ\text{C}$

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. ( $U_d$ )	$\leq 2.5$ 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 <sup>2</sup>
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**