



## Inductive Sensors

### Series 10 - PNP

Housing M 12 x 1

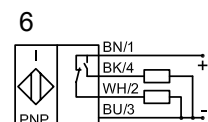
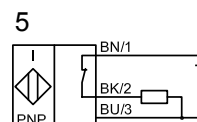
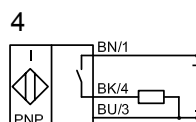
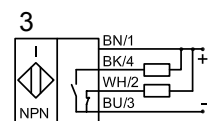
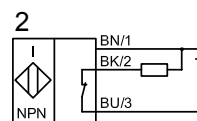
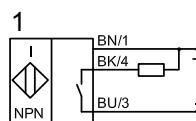
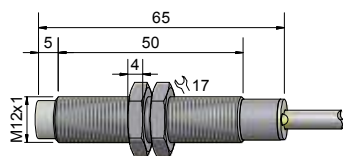
- Housing material: Stainless steel VA
- Sensing distance  $S_n = 4$  mm

Certificate:



<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	4 mm
Electrical version	3-wire DC
Output	Normally open (NO)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	<b>IAS-10-A22-S-V2A</b>
<b>Art.-No.</b>	<b>102420</b>
Connection diagram No.	4
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_e$ )	150 mA
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...+70 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection	2 m, PUR, 3 x 0,34 mm <sup>2</sup>
Housing material	VA No. 1.4305
Active surface	PA / PPO
Lid	PVC

All specifications are subject to change without notice. (09.07.2012)



**Made in Germany**