



## Inductive Sensors

### Series 10 - PNP

Housing M 8 x 1

- Housing material: Stainless steel VA
- Sensing distance  $S_n = 1.5 \text{ mm}$

Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance $S_n$	1.5 mm	1.5 mm
Electrical version	3-wire DC	3-wire DC
Output	Normally open (NO)	Normally closed (NC)

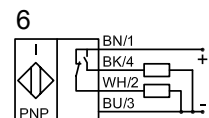
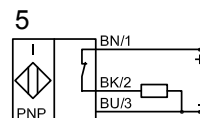
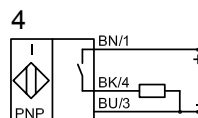
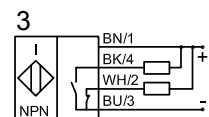
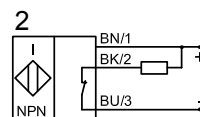
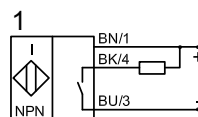
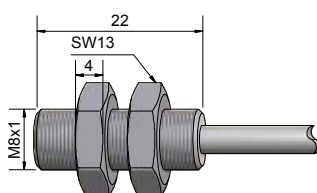
### Type NPN

#### Art.-No.

Connection diagram No.

Type PNP	IAS-10-M8-S	IAS-10-M8-Ö
Art.-No.	IA 0273	IA 0275
Connection diagram No.	4	5
Operating voltage ( $U_B$ )	10...30 V DC	10...30 V DC
Output current max. ( $I_o$ )	$\leq 200 \text{ mA}$	$\leq 200 \text{ mA}$
Voltage drop max. ( $U_d$ )	$\leq 2 \text{ V}$	$\leq 2 \text{ V}$
Permitted residual ripple max.	20 %	20 %
No-load current ( $I_o$ )	$\leq 10 \text{ mA}$	$\leq 10 \text{ mA}$
Frequency of operating cycles max.	5 kHz	5 kHz
Permitted ambient temperature	-25...+70 °C	-25...+70 °C
LED-display	Yes	Yes
Protective circuit	Built-in	Built-in
Degree of protection IEC 60529	IP 67	IP 67
Norm	EN 60 947-5-2	EN 60 947-5-2
Connection cable	2 m, PVC, 3 x 0.14 mm <sup>2</sup>	2 m, PVC, 3 x 0.14 mm <sup>2</sup>
Housing material	VA No. 1.4305	VA No. 1.4305
Active surface	PA	PA
Lid	PA	PA

All specifications are subject to change without notice. (11/2011)



Made in China