



## Inductive Sensors

### Series 10 - PNP

Housing M 18 x 1

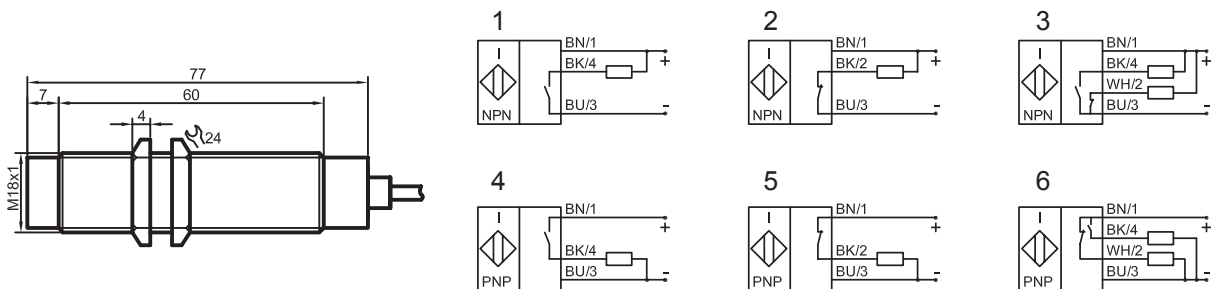
- Housing material: Stainless steel VA
- Sensing distance  $S_n = 8\text{ mm}$
- Useable for an ambient temperature up to  $+180\text{ °C}$

Certificate:



<b>Technical data</b>	Non-flush mountable
Operating distance $S_n$	8 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-A23-S-180°C</b>	
<b>Art.-No.</b>	
<b>IA 0235</b>	
Connection diagram No.	
4	
Operating voltage ( $U_B$ )	10...35 V DC
Output current max. ( $I_o$ )	< 150 mA
Voltage drop max. ( $U_o$ )	< 2 V
Permitted residual ripple max.	10 %
No-load current ( $I_o$ )	$\leq 5\text{ mA}$
Frequency of operating cycles max.	400 Hz
Permitted ambient temperature	$-25...+180\text{ °C}$
LED-display	-
Protective circuit	Built-in
Degree of protection IEC 60529	IP 65
Norm	EN 60947-5-2
Connection cable	5 m, Silicone, 3 x 0.25 mm <sup>2</sup>
Housing material	VA No. 1.4305
Active surface	LCP
Lid	VA No. 1.4305

All specifications are subject to change without notice. (26.08.2009)



**Made in Germany**