



## Inductive Sensors

### Series 10 - PNP

Housing M 22 x 1.5

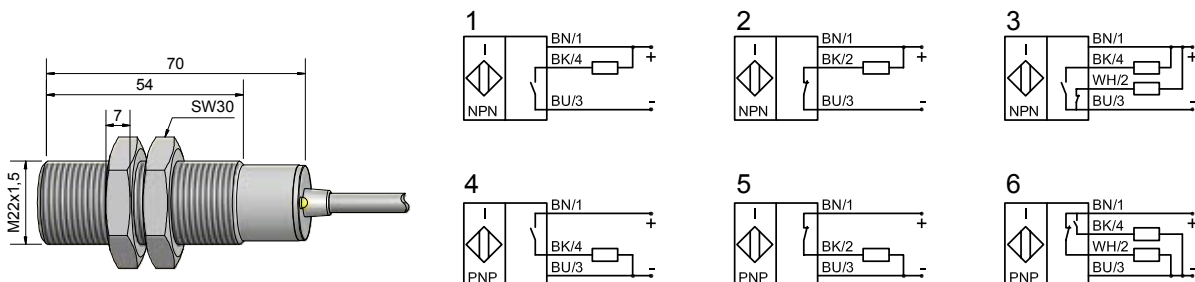
- Housing material: PA / PPO
- Sensing distance  $S_n = 10 \text{ mm}$

Certificate:



Technical data	Non-flush mountable	Non-flush mountable
Operating distance $S_n$	10 mm	10 mm
Electrical version	3-wire DC	3-wire DC
Output	Normally open (NO)	Normally closed (NC)
<b>Type NPN</b>		
<b>Art.-No.</b>		
Connection diagram No.		
<b>Type PNP</b>	<b>IAS-10-23-S-M22</b>	<b>IAS-10-23-Ö-M22</b>
<b>Art.-No.</b>	<b>116 900</b>	<b>117 000</b>
Connection diagram No.	4	5
Operating voltage ( $U_B$ )	10...35 V DC	10...35 V DC
Output current max. ( $I_o$ )	250 mA	250 mA
Voltage drop max. ( $U_d$ )	$\leq 2.5 \text{ V}$	$\leq 2.5 \text{ V}$
Permitted residual ripple max.	10 %	10 %
No-load current ( $I_o$ )	Typ. 15 mA	Typ. 15 mA
Frequency of operating cycles max.	2 kHz	2 kHz
Permitted ambient temperature	-25...+70 °C	-25...+70 °C
LED-display	Yellow	Yellow
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, PUR, 3 x 0.34 mm <sup>2</sup>	2 m, PUR, 3 x 0.34 mm <sup>2</sup>
Housing material	PA / PPO	PA / PPO
Active surface	PA / PPO	PA / PPO
Lid	PA / PPO	PA / PPO

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



Made in Germany