



Inductive Sensors

Series 10 - PNP

Housing M 12 x 1

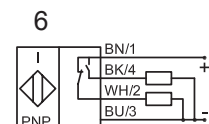
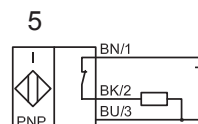
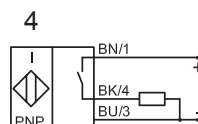
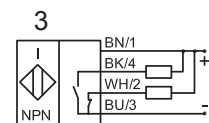
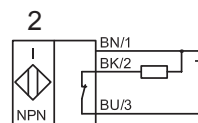
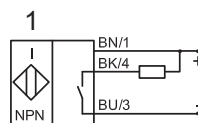
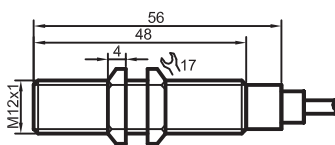
- Housing material: Stainless steel VA
- Sensing distance $S_n = 3\text{ mm}$
- Useable for an ambient temperature up to $+150\text{ °C}$

Certificate:



Technical data	Flush mountable
Operating distance S_n	3 mm
Electrical version	3-wire DC
Output	Normally open (NO)
Type NPN	
Art.-No.	
Connection diagram No.	
Type PNP	IAS-10-A12-S-150°C
Art.-No.	IA 0233
Connection diagram No.	4
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	< 120 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.	500 Hz
Permitted ambient temperature	$-25...+150\text{ °C}$
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 ²
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