



Inductive Sensors

Series 10 - PNP

Housing M 8 x 1

- Housing material: Stainless steel VA
- Sensing distance $S_n = 1.5$ mm
- With flange connector M 8 x 1



Certificate:

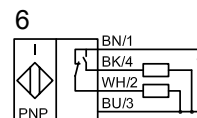
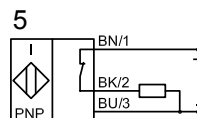
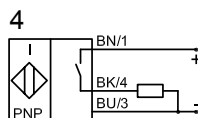
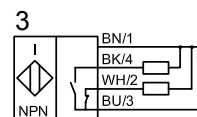
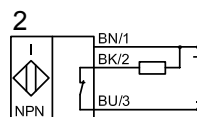
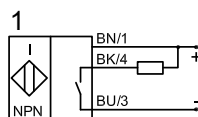
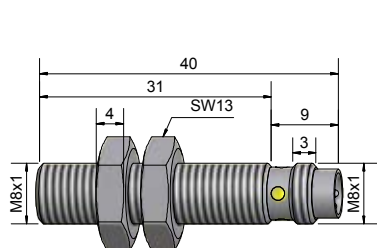
Technical data	Flush mountable	Flush mountable
Operating distance S_n	1.5 mm	1.5 mm
Electrical version	3-pin DC	3-pin DC
Output	Normally open (NO)	Normally closed (NC)

Type NPN

Art.-No.

Connection diagram No.

Type PNP	IAS-10-M8-S-Y7	IAS-10-M8-Ö-Y7
Art.-No.	100 200	100 310
Connection diagram No.	4	5
Operating voltage (U_B)	10...35 V DC	10...35 V DC
Output current max. (I_o)	150 mA	150 mA
Voltage drop max. (U_d)	≤ 3.5 V	≤ 3.5 V
Permitted residual ripple max.	5 %	5 %
No-load current (I_o)	Typ. 10 mA	Typ. 10 mA
Frequency of operating cycles max.	1 kHz	1 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	Connector M 8 x 1	Connector M 8 x 1
Housing material	VA No. 1.4305	VA No. 1.4305
Active surface	PVC	PVC
Lid	-	-



Made in Germany

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