



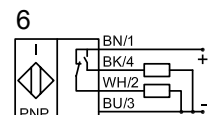
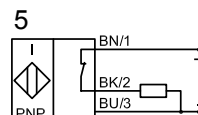
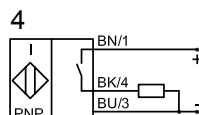
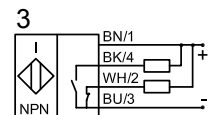
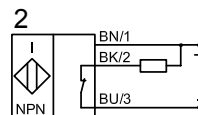
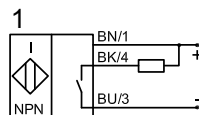
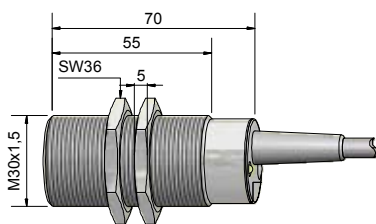
Inductive Sensors Series 20 - NPN Series 10 - PNP

- Housing M 30 x 1.5
- Housing material: Brass
 - Sensing distance $S_n = 10$ mm

Certificate:



Technical data	Flush mountable	Flush mountable
Operating distance S_n	10 mm	10 mm
Electrical version	3-wire DC	4-wire DC
Output	Normally open (NO)	Antivalent (NO + NC)
Type NPN	IAS-20-A14-S	IAS-20-A14-A
Art.-No.	208 400	208 380
Connection diagram No.	1	3
Type PNP	IAS-10-A14-S	IAS-10-A14-A
Art.-No.	108 400	108 380
Connection diagram No.	4	6
Operating voltage (U_B)	10...35 V DC	10...35 V DC
Output current max. (I_o)	250 mA	2 x 250 mA
Voltage drop max. (U_o)	≤ 2.5 V	≤ 2.5 V
Permitted residual ripple max.	10 %	10 %
No-load current (I_o)	Typ. 15 mA	Typ. 15 mA
Frequency of operating cycles max.	1 kHz	1 kHz
Permitted ambient temperature	-25...+70 °C	-25...+70 °C
LED-display	Yellow	Green / 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, PVC, 3 x 0.75 mm ²	2 m, PVC, 4 x 0.5 mm ²
Housing material	Brass	Brass
Active surface	PVC	PVC
Lid	PA / PPO	PA / PPO



Made in Germany

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