



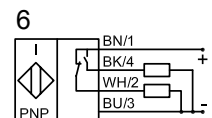
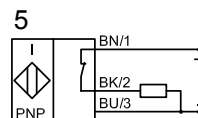
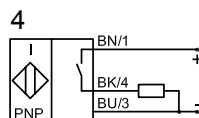
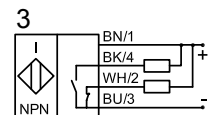
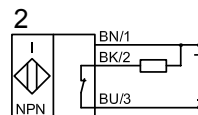
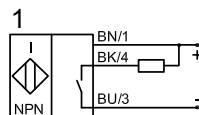
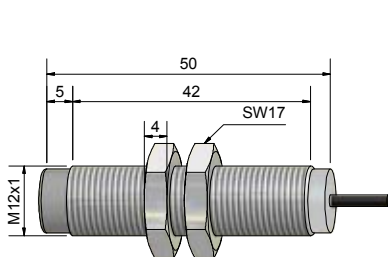
Inductive Sensors
Series 20 - NPN
Series 10 - PNP

- Housing M 12 x 1
- Housing material: Brass
 - Sensing distance $S_n = 4$ mm

Certificate:



Technical data	Non-flush mountable
Operating distance S_n	4 mm
Electrical version	3-wire DC
Output	Normally open (NO)
Type NPN	IAS-20-A22-S
Art.-No.	IA 0249
Connection diagram No.	1
Type PNP	IAS-10-A22-S
Art.-No.	IA 0248
Connection diagram No.	4
Operating voltage (U_B)	10...30 V DC
Output current max. (I_o)	200 mA
Voltage drop max. (U_o)	≤ 3 V
Permitted residual ripple max.	-
No-load current (I_o)	Typ. 17 mA
Frequency of operating cycles max.	1,2 kHz
Permitted ambient temperature	-25...+70 °C
LED-display	Yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60947-5-2
Connection cable	3 m, PUR, 3 x 0,14 mm ²
Housing material	Brass
Active surface	PBT
Lid	BPT



Made in Indonesia

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