



Inductive Sensors
Series 20 - NPN
Series 10 - PNP

Housing M 5 x 0.5

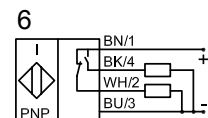
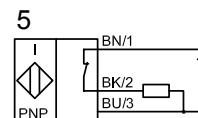
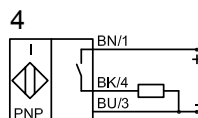
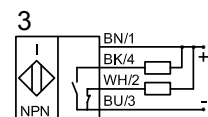
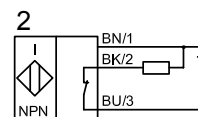
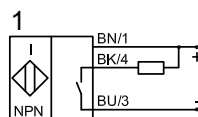
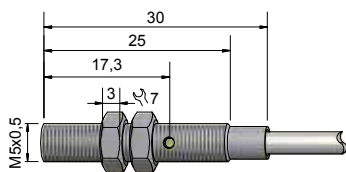
- Housing material: Stainless steel VA
- Sensing distance $S_n = 0.8 \text{ mm}$

Certificate:



Technical data	Flush mountable
Operating distance S_n	0.8 mm
Electrical version	3-wire DC
Output	Normally open (NO)
Type NPN	IAS-20-M5-S
Art.-No.	214 010
Connection diagram No.	1
Type PNP	IAS-10-M5-S
Art.-No.	114 010
Connection diagram No.	4
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	150 mA
Voltage drop max. (U_d)	$\leq 3.5 \text{ V}$
Permitted residual ripple max.	5 %
No-load current (I_o)	Typ. 10 mA
Frequency of operating cycles max.	500 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Red
Protective circuit	Built-in
Degree of protection IEC 60529	IP 67
Norm	EN 60 947-5-2
Connection cable	2 m, PUR, 3 x 0.14 mm ²
Housing material	VA No. 1.4305
Active surface	PA / PPO
Lid	-

All specifications are subject to change without notice. (05/2013)



Made in Germany