



Inductive Sensors Series 20 - NPN Series 10 - PNP

Housing M18 x 1

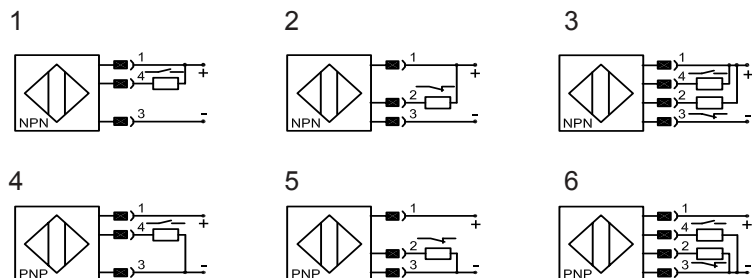
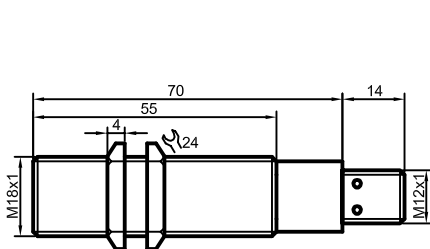
- Housing material: brass
- Flush mountable
- Sensing distance $S_n = 5\text{ mm}$
- With metal flange connector M12 x 1

Certificate:



Technical data

Operating distance S_n [mm], flush mounting	5, yes
Electrical version	4-pin DC
Output	Antivalent
Type NPN	IAS-20-A13-A-Y5
Art.-No.	203 067
Connection diagram No.	3
Type PNP	IAS-10-A13-A-Y5
Art.-No.	103 068
Connection diagram No.	6
Operating voltage (U_B)	10...35 V DC
Output current max. (I_o)	2 x 250 mA
Load current min.	-
Voltage drop max. (U_d)	$\leq 2.5\text{ V}$
Permitted residual ripple max.	10 %
No-load current (I_o)	typ. 15 mA
Frequency of operating cycles max.	2 kHz
Permitted ambient temperature	-25...+70°C
LED-display	yellow
Protective circuit	built-in
Degree of protection IEC 529	IP 67
Connection	metal flange connector M12 x 1
Housing material	brass
Active surface	PA
Lid	-



All specifications are subject to change without notice. (08/2004)