



## Inductive Sensors

### Series 10 - PNP

Housing M 12 x 1

- Housing material: Brass
- With increased sensing distance
- Sensing distance  $S_n = 4$  mm
- With flange connector M 12 x 1

Certificate:



<b>Technical data</b>	Flush mountable
Operating distance $S_n$	4 mm
Electrical version	3-pin DC
Output	Normally open (NO)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	<b>IAS-10-A12-S-Y5-SN4</b>
<b>Art.-No.</b>	<b>IA 0175</b>
Connection diagram No.	4
Operating voltage ( $U_B$ )	10...30 V DC
Output current max. ( $I_o$ )	200 mA
Voltage drop max. ( $U_d$ )	$\leq 2$ V
Permitted residual ripple max.	20 %
No-load current ( $I_o$ )	Typ. 10 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 60529	IP 67
Norm	EN 60 947-5-2
Connection	Connector M 12 x 1
Housing material	Brass
Active surface	PBTP
Lid	-

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

