



## Inductive Sensors

### Series 10 - PNP

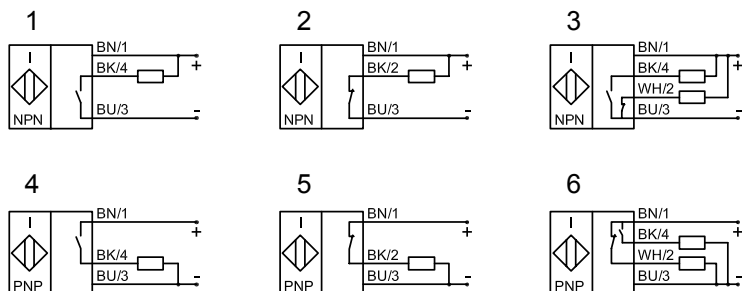
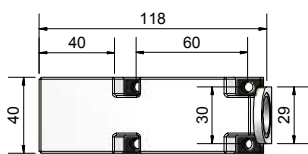
Housing 40 x 40 x 118 mm

- Housing material: PBT
- Sensing distance  $S_n = 20$  mm
- Position of the active zone selectable

Certificate:



Technical data	Non-flush mountable
Operating distance $S_n$	20 mm
Electrical version	4-pin DC
Output	Antivalent (NO + NC)
<b>Type NPN</b>	
<b>Art.-No.</b>	
Connection diagram No.	
<b>Type PNP</b>	
<b>IAS-10-C20-A</b>	
<b>Art.-No.</b>	
<b>121 180</b>	
Connection diagram No.	
6	
Operating voltage ( $U_B$ )	10...60 V DC
Output current max. ( $I_o$ )	2 x 200 mA
Voltage drop max. ( $U_d$ )	$\leq 2.5$ V
Permitted residual ripple max.	10 %
No-load current ( $I_o$ )	Typ. 10 mA
Frequency of operating cycles max.	150 Hz
Permitted ambient temperature	-25...+70 °C
LED-display	Green / yellow
Protective circuit	Built-in
Degree of protection IEC 60529	IP 68
Norm	EN 60947-5-2
<b>Connection</b>	
<b>Terminal connection</b>	
Housing material	PBT
Active surface	PBT
Lid	PBT



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