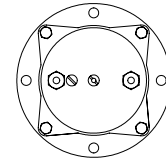


# Technical Data Sheet

## Pneum. Pressure Transformer 1:1 Type 931



TD\_931

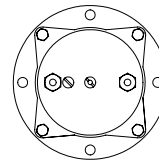
### Technical Data

<b>Mounting</b>	With flange $\varnothing$ 140 mm or flange DN 80 PN 16 acc. to EN 1092-1		
<b>Material</b>	Body brass, flange stainless steel 1.4571 or PVC or PTFE diaphragm PTFE glass-fibre reinforced or Viton, reinforced with polyester		
<b>Mounting position</b>	Anyone		
<b>Temperature range</b>	Flange stainless steel, diaphragm PTFE -50...200 °C		
	Flange stainless steel, diaphragm Viton -20...150 °C		
<b>Measuring range</b>	[bar(g)]	Diaphragm	Overload capacity [bar(g)]
	0...4	PTFE	6,0
	0...0,25	Viton	3,8
<b>Measuring failure</b>	$\leq 0,2$ % of measuring value		
<b>Sensitivity</b>	$\leq 0,2$ mbar		
<b>Hysteresis</b>	$\leq 1$ mbar for Teflon-diaphragm		
	$\leq 0,2$ mbar for FKM-diaphragm		
<b>Air supply pressure <math>p_z</math></b>	1,2 x of final value of adjustment range, minimum 1,4 bar		
<b>Air consumption</b>	$\leq 80$ Sdm <sup>3</sup> /h.		
<b>Connections</b>	G 1/8		
<b>Dimensions</b>	Please refer to the dimensional drawing		
<b>Weight</b>	App. 1,3 kg w/o flange / app. 2,5 kg with flange		

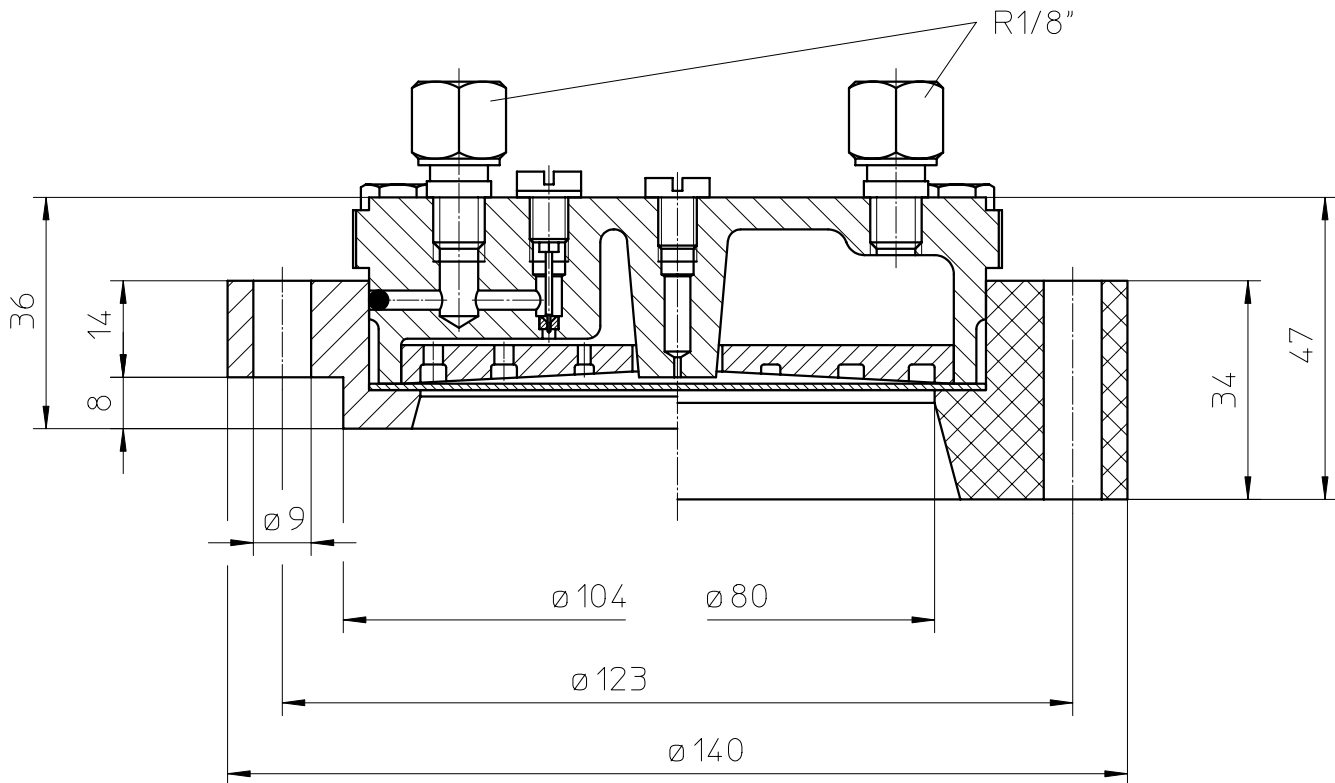
# Technical Data Sheet

## Pneum. Pressure Transformer 1:1

### Type 931



**TD\_931**



Execution with flanges  
 made of stainless steel                      made of PVC or PTFE