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INDUSTRIAL CONSULTING & SALES

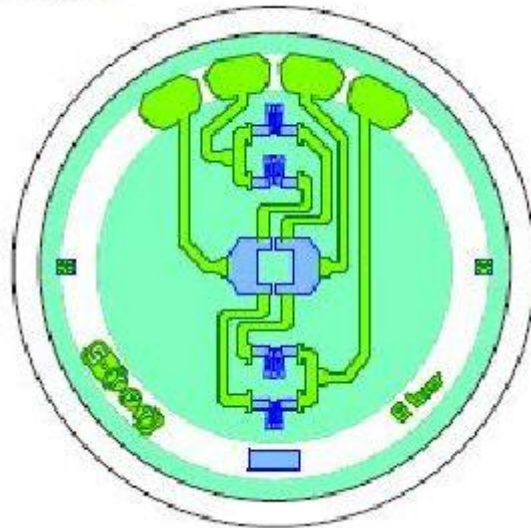
Type D - Pressure Sensors

The data sheet below shows the technical data of our pressure sensors manufactured in a new thin film technology. The technology gives the advantage of a very high sensitivity at the regular mechanical stress for the stainless steel (17-4PH).

The sensor elements are available in our 8mm and 10 mm shapes. We are able to cover the regular pressure ranges.

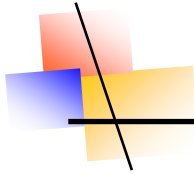
Main Features

- **Extremely high sensitivity (25 mV/V)**
- **Wide pressure ranges available**
- **Excellent technical data**
- **Very much new opportunities for system designs**



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Status: 2020/09



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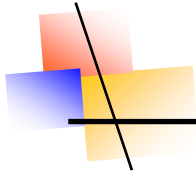
Feature	Unit	Data	
Type		D8	D10
Diameter	mm	8	10
Pressure ranges	bar	25 / 60 / 100 / 160 / 250 / 400 / 600 / 1000	2.5 / 4 / 6 / 10 / 16 / 1000 / 1600 / 2000
Bridge Resistance	kOhm	3 to 7	
TCR (resistors)	ppm/K	0 +- 50	
Span	mV/V	25 +-5	
Zero	mV/V	<+- 1	
Non Linearity	%FS	Max. 0,2	
Hysteresis	%FS	Max. 0,2	
Repeatability	%FS	Max. 0,05	
TC Span	%FS/10K	0,2 +- 0,1	
TC Zero	%FS/10K	<0,1	
Zero shift after 60h 120°C	%FS	<0,2	
Zero shift after 3Mio. Loadcycles	%FS	typ. < +- 0,1	
Operating Temperature	°C	-55 ... +125	
Storage Temperature	°C	-65 ... +135	

For more information, please contact us.



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