Select the Combination of Sensor and

Operating Range

mbar	10^{-11}	10^{-10}	10^{-9}	10^{-8}	10^{-7}	10^{-6}	10^{-5}	10^{-4}	10^{-3}	10^{-2}	10^{-1}	1	10	100	1000
Capacitance Diaphragm															
CERAVAC Transmitters (x = 2, 3, 4 or 5) [1]															
CTR 91											0.13				1330→
CTR 91										0.013				133	
CTR 91									0.0013				13		
CTR 91								0.00013				1.3			
CTR 91							0.000013				0.13				
CTR 100											0.13				1330→
CTR 100										0.013				133	
CTR 100									0.0013				13		
CTR 100								0.00013				1.3			
Thermal Conductivity (according to Pirani)															
THERMOVAC Transmitters [1]															
TTR 100 (Pirani combined with capacitance diaphragm)									0.0005						1500→
TTR 91									0.0005						1000
TTR 96 S									0.0005						1000
Cold Cathode Ionization (according to Penning)															
PENNINGVAC Transmitters															
PTR 225, DN 25 KF				1 x 10^{-9}						0.01					
PTR 237, DN 40 CF				1 x 10^{-9}						0.01					
PTR 90, DN 40 CF					5 x 10^{-9}										1000
PTR 90, DN 40 KF					5 x 10^{-9}										1000
PTR 90, DN 25 CF					5 x 10^{-9}										1000
Hot Cathode Ionization															
IONIVAC Transmitters (Bayard-Alpert combined with Pirani) [1]															
ITR 90			5 x 10^{-10}												1000
ITR 90 with Display			5 x 10^{-10}												1000
IONIVAC Sensors															
IE 414 (Bayard-Alpert)		2 x 10^{-11}								0.01					
IE 514 (Extractor)	1 x 10^{-12}						0.0001								
Linear Diaphragm Sensors [2]															
DI 200											0.1			200	
DI 201											0.1			200	
DI 2000												1			2000→
DI 2001												1			2000→
DI 2001 rel.												-1000			+1000→
mbar	10^{-11}	10^{-10}	10^{-9}	10^{-8}	10^{-7}	10^{-6}	10^{-5}	10^{-4}	10^{-3}	10^{-2}	10^{-1}	1	10	100	1000

[1] Different Part Numbers depend on the vacuum connection

[2] Differences of the sensors in the same operating range caused by the materials in contact with the medium

Gauges which is ideal for your Application

Operating Units

	DISPLAY			CENTER			IONIVAC
	ONE	TWO	THREE	ONE	TWO	THREE	IM 540
Part No. EU **Part No. US**	230 001 235 001	230 024 235 024	230 025 235 025	230 002 235 002	230 004 235 004	230 003 235 003	230 100 230 100
				1	1, 2	1, 2, 3	3, 4
				1	1, 2	1, 2, 3	3, 4
				1	1, 2	1, 2, 3	3, 4
				1	1, 2	1, 2, 3	3, 4
				1	1, 2	1, 2, 3	3, 4
				1	1, 2	1, 2, 3	3, 4
				1	1, 2	1, 2, 3	3, 4
				1	1, 2	1, 2, 3	3, 4
				1	1, 2	1, 2, 3	3, 4
		1, 2	1, 2, 3	1	1, 2	1, 2, 3	3, 4
	1	1, 2	1, 2, 3	1	1, 2	1, 2, 3	3, 4
		1, 2	1, 2, 3	1	1, 2	1, 2, 3	3, 4
		1, 2	1, 2, 3	1	1, 2	1, 2, 3	
		1, 2	1, 2, 3	1	1, 2	1, 2, 3	
		1, 2	1, 2, 3	1	1, 2	1, 2, 3	
		1, 2	1, 2, 3	1	1, 2	1, 2, 3	
		1, 2	1, 2, 3	1	1, 2	1, 2, 3	
				1	1, 2	1, 2, 3	
							1, 2
							1, 2

1, 2, 3 indicate the channel to which the sensor may be connected