


FOR FINE PRESSURE MEASUREMENT

Type	510 					511 					691 				
Output	0-5V	1-6V	0-10V	4-20mA	0.5-4.5V	0-5V	1-6V	0-10V	4-20mA	0.5-4.5V	4-20mA	0-5 V	0-20mA	0-10 V	
Pressure Range	-1 ~ 160 bar					Relative -1-600bar, Absolute 0-25bar					Relative -1-600bar, Absolute 0-16bar				
Accuracy	Linearity, Hysteresis, Repeatability < ±0.5% fs					Linearity, Hysteresis, Repeatability < ±0.3% fs					Linearity, Hysteresis, Repeatability < ±0.3% fs				
Power Supply	8-33VDC	11.4-33VDC 24VAC±15%	8-33VDC	5VDC		8-33VDC	11.4-33VDC 24VAC±15%	8-33VDC	5VDC		11-33VDC	11-33VDC 24VAC±15%	18-33VDC 24VAC±15%		
Wiring	3wire		2wire		3wire	3wire		2wire		3wire	2wire		3wire		
Current consumption	≤ 4~20mA					≤ 4~20mA					20mA 5mA 25mA 5mA				
Protection	IP67					IP65					IP 65				
Application	Typical freons in refrigerators					Oil pressure machines, Vacuum equipment & Industrial equipment for gas, liquid, oil					Oil pressure machines, Vacuum equipment & Industrial equipment for gas, liquid, oil				

Type	619				692				694			
												
	Output	4~20mA	0~10V	NPN/PNP	4~20mA	0~5 V	0~20mA	0~10 V	0~10 V	0~20 mA	4~20mA	
	Pressure Range	-1~600 bar			0~25bar				0~50mbar			
	Accuracy	Linearity, Hysteresis, Repeatability < ±0.6% fs			Linearity, Hysteresis, Repeatability < ±0.5% fs				Linearity, Hysteresis, Repeatability < ±0.7% fs			
	Power Supply	17~33VDC			11~33VDC	11~33VDC 24VAC±15%	18~33VDC 24VAC±15%		13.5(18)~33VDC 24VAC±15%	11~33VDC		
	Wiring	3wire			2wire	3wire			3wire	2wire		
	Current consumption	< 200mA			25mA	5mA	25mA	5mA	10mA	30mA		
	Protection	IP67			IP65				IP54			
	Application	Oil pressure machines, Vacuum equipment, HVAC, and Industrial equipment etc			HVAC, Industrial equipment Media: gas, liquid, oil				HVAC, Blowers, Clean room Media: gas			

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(Internal diaphragm) (Front flush diaphragm)

Type	P3297		P3251		PEX10	PEX11
Output Signal	4-20mA (2-wire) 0-5V, 1-5V, 0-10V (3-wire)		4-20mA (2-wire) 0-5V, 0-10V (3-wire)		4-20mA 2wire EEx Ia IIC T4-T6	
Pressure Range	0~1bar to 0~600bar		0-0.1 bar to 0-16 bar 0-25 bar to 0-600 bar 0-0.25 bar to 0-16 bar		0..... 0.1bar to 0..... 1000bar	0..... 0.1bar to 0..... 600bar
Accuracy	≤1% of F.S.		0.5% of fs		0.5% of fs	0.25% of fs
Repeatability	≤0.1% of F.S.		≤±0.05% of F.S.		< ±0.05% of fs	
Power Supply	8-30VDC (4-20mA, 0-5V); 14-30VDC (0-10Vdc)		10-30 VDC (14-30VDC for output 0-10V)		10-30VDC	
Protection	IP 65		IP65 to EN 60 529 / IEC 529		IP65	
Application	Hydraulics & pneumatics, Pumps & Compressors, Building automation, Machine & apparatus.....		For general application with front flush diaphragm for gauge and absolute pressure		Chemical and pharmaceutical industry, food industry & environmental technology	