

## 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 11.4~33VDC 24VAC±15%	11~33VDC 11~33VDC 24VAC±15%
Wiring	3wire	2wire	2wire
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%
Wiring	3wire	2wire	3wire
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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	<b>P3297</b>	<b>P3251</b>	<b>PEX10</b>	<b>PEX11</b>
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 2-wire 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 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	10~30VDC
Protection	IP 65	IP65 to EN 60 529 / IEC 529	IP65	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	