

Electronic Pressure Transmitter

应用于空压机、空调、
工业自动化等领域

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技术参数 Technical Parameter

参数	Specifications	技术指标 Technical Data					
输入数据	Input data						
压力范围	Measuring ranges	0...8	16	20	30	46	50Bar
过载压力	Overload pressures	20	32	40	60	75	75Bar
破坏压力	Burst pressures	25	40	60	90	100	100Bar
机械接口	Mechanical connection	G1/4-A DIN 3852					
锁紧扭力	Torque value	20 N.m					
输出数据	Output data						
输出信号	Output signal	4 ~ 20mA , 2 conductor					
精度	Accuracy	±1.0%F.S (23℃±2℃) ±2.5%F.S (-30℃~85℃)					
非线性	Non-linearity at max. setting to DIN 16086	≤± 0.2 % F.S max.					
重复精度	Repeatability	≤ ± 0.025 % F.S max.					
温度漂移	Temperature drift	≤±0.05%F.S /℃					
长期稳定性	Long-term drift	≤± 0.2 % F.S typ. / year					
环境条件	Environmental conditions						
温度补偿范围	Compensated temperature range	-20 ~+80 °C					
工作温度范围	Operating temperature range	-40 ~+80 °C					
储存温度范围	Storage temperature range	-40 ~+100 °C					
流体温度范围	Fluid temperature range	-35 ~+80 °C					
其他数据	Other data						
工作方式	Operational Mode	表压 Gague					
测量介质	Measuring Media	水、油、空气					
工作电压	Operating voltage	24VDC(12...32VDC)					
耐 冲 击	Shock resistance	DIN EN 60068-2-29					
抗 干 扰	Anti-jamming	DIN EN 61000-6-1/2/3/4					
抗 振 性	Vibration resistance	DIN EN 60068-2-29					
材 质	Material	不锈钢, Stainless steel					
防护等级	Protection class to DIN 40050	IP65(3pole+PE,DIN 43650 male) IP67(flying lead)					

61-系列 压力变送器

选型表 Model code:

SDP 6 1 X X - X - XXX (000)

机械连接 Mechanical connection

- 4 = G1/4-A DIN 3852 (male)
M = 客户定制

电气连接 Electrical connection

- 5 = 3 pole + PE, DIN 43650, male
(connector supplied)
0 = flying lead (Teflon cable,silicone-free)

输出信号 Signal

- A = 4~20mA, 2conductor

压力范围(Bar) Pressure ranges in Bar

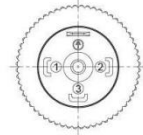
- 008 = 0~8Bar
016 = 0~16Bar
020 = 0~20Bar
050 = 0~50Bar
(压力范围0~6...50Bar可选)

导线 Modification number

- 000 = 标准 (无电缆线)
020 = 2m 电缆线 (对应电器连接选项母端电缆线)
050 = 5m 电缆线 (对应电器连接选项母端电缆线)

接线定义 Pin connections:

DIN 43650



Pin	SDP61X5-A
1	+24VDC
2	Signal+
3	n.c.
⊥	PE

Flying lead



Cable assignment

Core	SDP61X0-A
red	+24VDC
yellow	Signal+
green	n.c.
white	n.c.
silver	
mesh	shielding wire