

压力变送器

Electronic
Pressure Transmitter

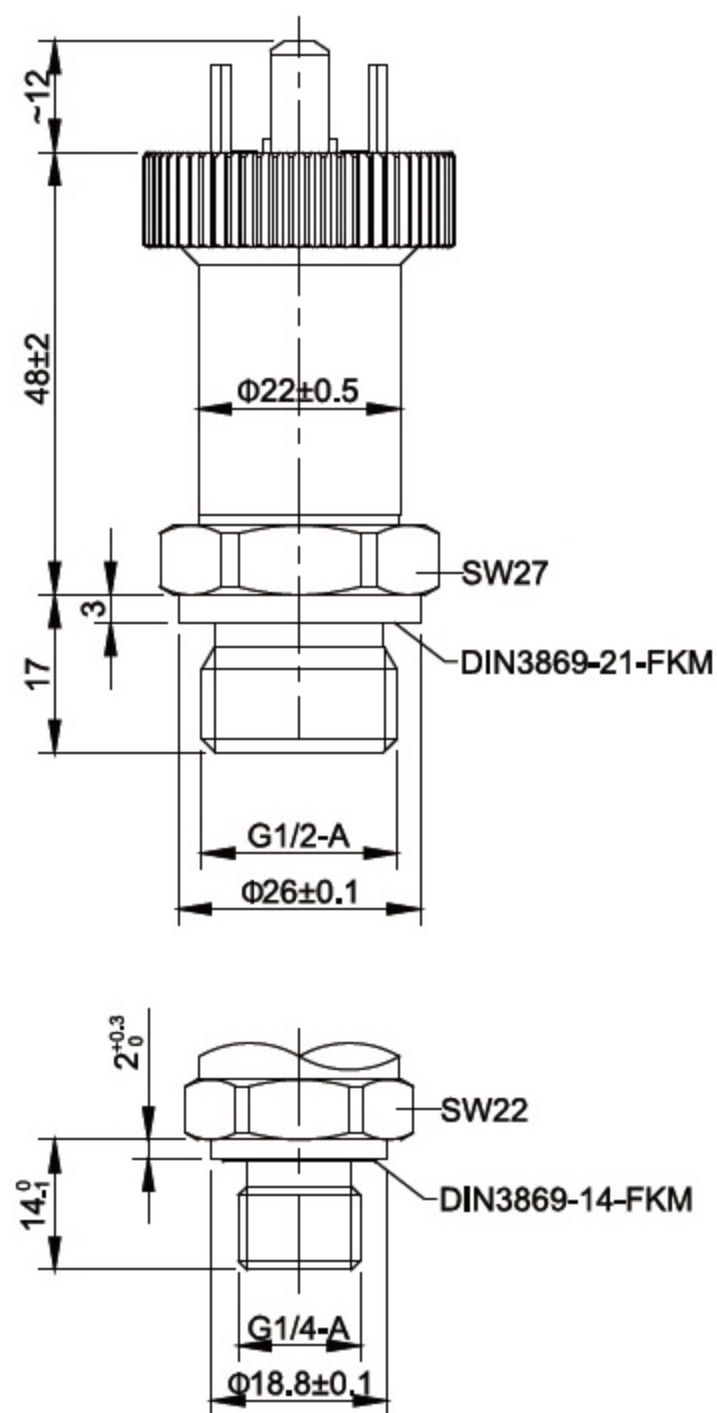
SDP6A00系列

注塑机专用

- 扩散硅芯体，耐循环超过一千万次，针对注塑机行业设计
- 设计紧凑，耐振动，防护等级可达IP65
- 性能稳定，优异的EMC性能
- 符合RoHS, CE认证



外形尺寸图 Dimensions



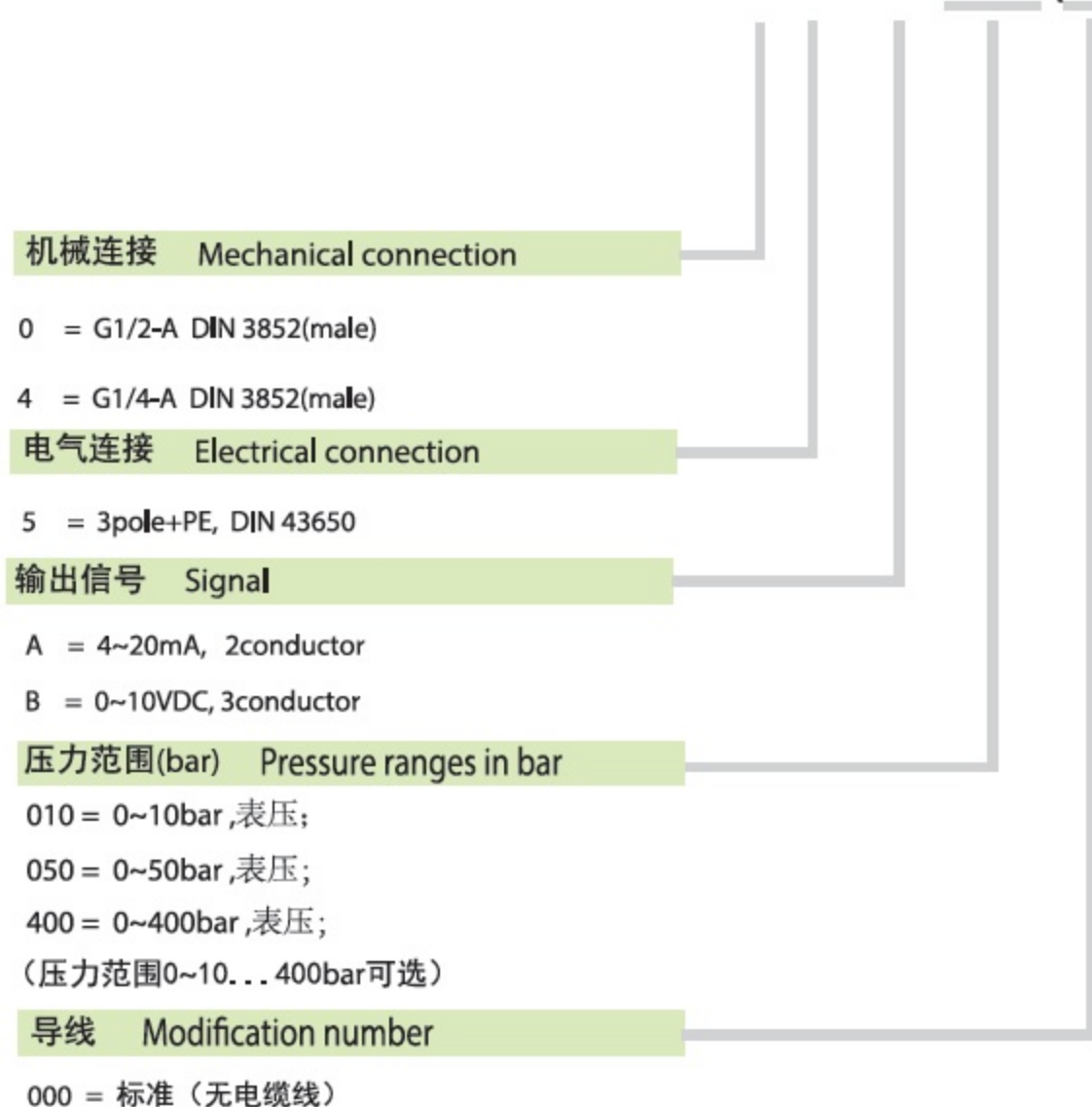
技术参数 Technical Parameter

参数	Specifications	技术指标	Technical Data
输入数据	Input data		
压力范围	Measuring ranges	0 ~ 10...16...100...350...400bar	
过载压力	Overload pressures	200%F.S	
破坏压力	Burst pressures	300%F.S	
机械接口	Mechanical connection	G1/4-A G1/2-A	
锁紧扭力	Torque value	20 N.m 45N.m	
与介质接触部分	Parts in contact with medium	Mech. connection: Stainless steel Seal: FKM	
输出数据	Output data		
输出信号	Output signal	4 ~20mA , 2 conductor , 0 ~10V , 3 conductor	
精度	Accuracy to DIN 16086 Max. setting Max. setting	≤± 0.5% F.S typ. ≤± 1.0 % F.S max.	
非线性	Non-linearity at max. setting to DIN 16086	≤± 0.3 % F.S max.	
迟滞	Hysteresis	≤ ± 0.1 % F.S max.	
重复精度	Repeatability	≤± 0.05 % F.S	
压力上升时间	Rise time	≤1 ms	
长期稳定性	Long-term drift	≤± 0.1 % F.S typ. / year	
环境条件	Environmental conditions		
温度补偿范围	Compensated temperature range	-25~ +85 °C	
工作温度范围	Operating temperature range	-35~ +85 °C	
储存温度范围	Storage temperature range	-40~ +145 °C	
流体温度范围	Fluid temperature range	-40~ +100 °C	
EMC抗干扰强度	EMC Test	EN 61000-6-1 / 2 / 3 / 4	
耐振性	Vibration resistance to DIN EN 60068-2-6 at 10 .. 500 Hz	≤20 g	
保护等级	Protection class to DIN 40050	IP 65 (DIN 43650)	
其他数据	Other data		
2线制电源电压	Current consumption 2 conductor	approx. 25 mA	
3线制电源电压	Current consumption 3 conductor	approx. 30 mA	



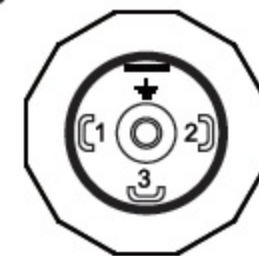
选型表 Model code:

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



接线定义 Pin connections:

DIN 43650



Pin	SDP6AX5-A	SDP6AX5-B
1	+24VDC	+24VDC
2	4~20mA	0 V
3	n.c.	0~10V
⊥	PE	PE