

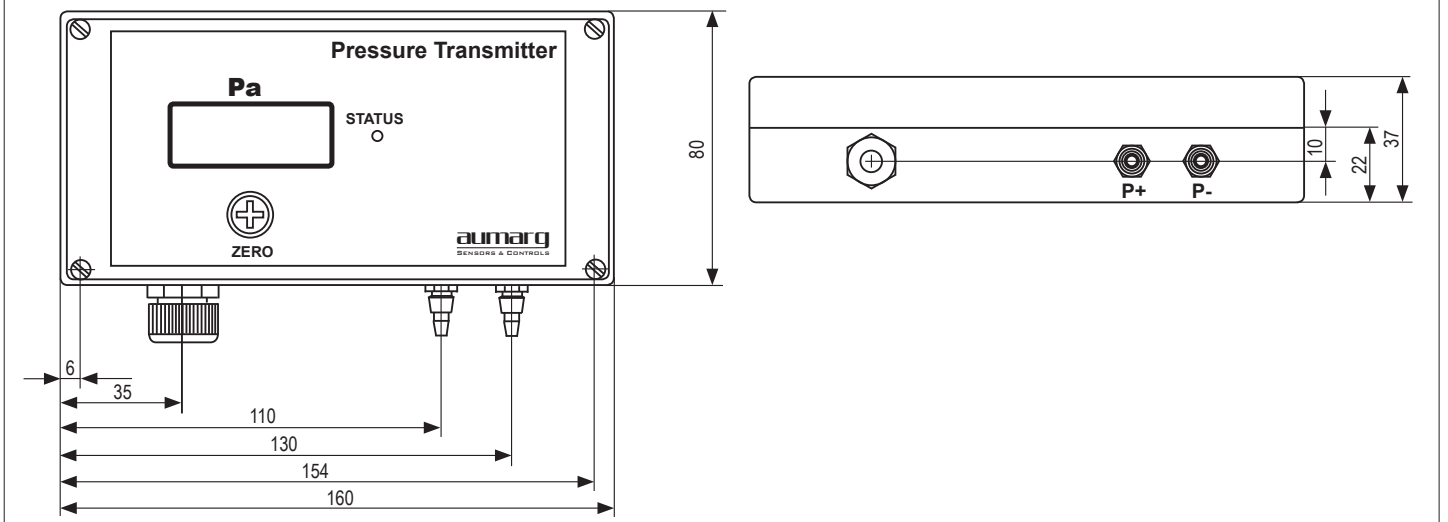


Differential Pressure Transmitter 差压变送器

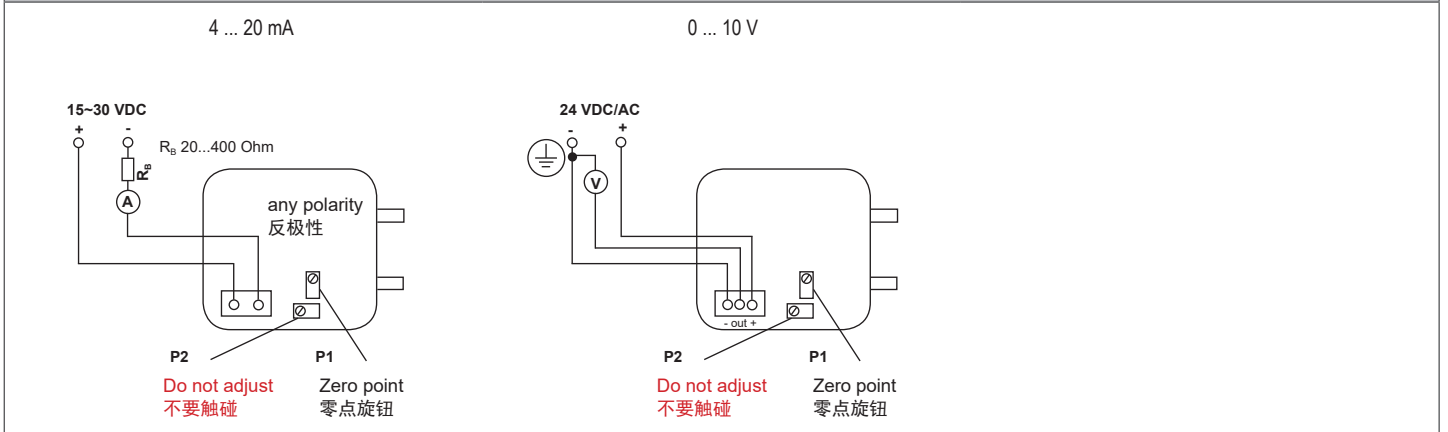
- Measuring ranges from 0 ... 0,5 mbar to 0 ... 10 bar
- Output signal: 4 ... 20 mA or 0 ... 10 V
- With LCD-display
- High reliability
- Sturdy aluminium case
- Suitable for air and all non aggressive gases

- 测量范围从 0 ... 0,5 mbar 到 0 ... 10 bar
- 输出信号: 4 ... 20 mA 或 0 ... 10 V
- LCD 显示
- 可靠性高
- 坚固的铝制外壳
- 适用于空气和所有非腐蚀性气体

Drawing / 尺寸图



Wiring diagram / 接线图



| Technical Specification / 技术规范 | | | | | | |
|--|--|------------|------------|-------------|-----------|----------------|
| Pressure range 测量范围 | 0 ... 0,5 | 0 ... 2,5 | 0 ... 5 | 0 ... 10 | 0 ... 25 | [mbar] |
| Pressure range 测量范围 | 0 ... 0,05 | 0 ... 0,25 | 0 ... 0,5 | 0 ... 1 | 0 ... 2,5 | [kPa] |
| Max. overpressure 最大过载压力 | 250 | 250 | 350 | 350 | 350 | [mbar] |
| Max. linear error 最大线性误差 | ± 0,8 | ± 0,8 | ± 0,8 | ± 0,8 | ± 0,7 | [% F.S.] |
| Max. temperature error [0 ... 50°C] 最大温度误差 [0 ... 50°C] | ± 3,0 | ± 2,0 | ± 1,0 | ± 1,0 | ± 1,0 | [% F.S.] |
| Long term stability 长期稳定性 | ± 3,0 | ± 2,0 | ± 1,0 | ± 0,5 | ± 0,1 | [% F.S. / Y] |
| Repeat precision 重复精度 | ± 2,0 | ± 0,3 | ± 0,3 | ± 0,2 | ± 0,1 | [% F.S.] |
| Pressure range 测量范围 | 0 ... 50 | 0 ... 100 | 0 ... 1000 | 0 ... 10000 | | [mbar] |
| Pressure range 测量范围 | 0 ... 5 | 0 ... 10 | 0 ... 100 | 0 ... 1000 | | [kPa] |
| Max. overpressure 最大过载压力 | 350 | 350 | 3000 | 12000 | | [mbar] |
| Max. linear error 最大线性误差 | ± 0,7 | ± 0,5 | ± 0,5 | ± 0,5 | | [% F.S.] |
| Max. temperature error [0 ... 50°C] 最大温度误差 [0 ... 50°C] | ± 1,0 | ± 1,0 | ± 1,0 | ± 2,0 | | [% F.S.] |
| Long term stability 长期稳定性 | ± 0,1 | ± 0,1 | ± 0,1 | ± 0,1 | | [% F.S. / Y] |
| Repeat precision 重复精度 | ± 0,1 | ± 0,1 | ± 0,1 | ± 0,1 | | [% F.S.] |
| Measuring principle 测量原理 | piezoresistive / 压阻 | | | | | |
| Display 显示屏幕 | LCD-display, 3½-digit LCD 显示, 3½ 位 | | | | | |
| Supply voltage 供电电压 | 4 ... 20 mA output: 15 ... 30 / 0 ... 10 V output: 24 ± 10% 4 ... 20 mA 输出: 15 ... 30 / 0 ... 10 V 输出: 24 ± 10% | | | | | [V DC] |
| Output signal 输出信号 | 4 ... 20 mA, 2-wires or 0 ... 10 V, 3-wires 4 ... 20 mA, 2 线制或 0 ... 10 V, 3 线制 | | | | | |
| Permitted load 允许载荷 | 4 ... 20 mA: ≤ 400Ω 0 ... 10 V: ≥ 2KΩ | | | | | |
| Compensated temperature range 补偿温度范围 | 0 ... 50 | | | | | [°C] |
| Operating temperature 工作温度 | -20 ... +50 | | | | | [°C] |
| Response time 响应时间 | ≤ 50 | | | | | [ms] |
| Housing 外壳材质 | Plastic (ABS) 塑料 (ABS) | | | | | |
| Medium 介质 | air and all non aggressive gases 空气或所有非腐蚀性气体 | | | | | |
| Fitting thread 过程连接 | 2 connections for tube with 4 mm or 6mm diameter inside 2 个内孔为 4 或 6 毫米管宝塔接头 | | | | | |
| Electrical connection 电气连接 | PG7-screw coupling and internal screw terminals PG7- 螺钉端子 | | | | | |
| Reverse polarity and short circuit protection 反极性和短路保护 | Yes / 带 | | | | | |
| Protection degree 防护等级 | IP65 | | | | | |
| Weight 重量 | ~ 200 | | | | | [g] |

Series 8569 / 8569 系列

Differential Pressure Transmitter / 差压变送器

aumarg
SENSORS & CONTROLS

Specification key / 规格代码

8569 - -

| Measuring range / 测量范围 | |
|------------------------|------------------|
| 34 | 0 ... 0,5 mbar |
| 36 | 0 ... 2,5 mbar |
| 38 | 0 ... 5 mbar |
| 60 | 0 ... 10 mbar |
| 62 | 0 ... 25 mbar |
| 64 | 0 ... 50 mbar |
| 66 | 0 ... 100 mbar |
| 71 | 0 ... 1000 mbar |
| 77 | 0 ... 10000 mbar |

| Output signal / 输出信号 | |
|----------------------|-------------|
| 19 | 4 ... 20 mA |
| 17 | 0 ... 10 V |

Sample:

8569-64-19

Differential Pressure Transmitter

Type: 8569

Measuring range: 0 ... 50 mbar

Accuracy: 0,7%

Output signal: 4 ... 20 mA, 2-wires

Power supply: 15 ... 30V DC

Max. overpressure: 350 mbar

Pressure fitting: 2 connections for tube with 4 mm
or 6mm diameter inside

E-connection: PG7

Protection type: IP65

举例:

8569-64-19

差压变送器

型号: 8569

测量范围: 0 ... 50 mbar

精度等级: 0,7%

输出信号: 4 ... 20 mA, 2 线制

供电电压: 15 ... 30V DC

最大过载压力: 350 mbar

过程连接: 2 个内孔为 4 或 6 毫米管宝塔接头

电气连接: PG7

防护等级: IP65