

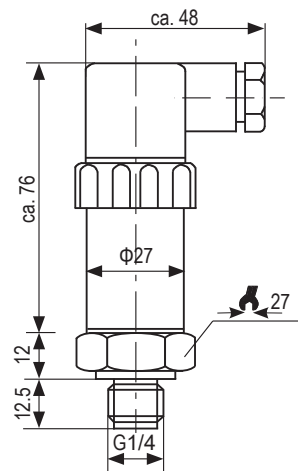


### Pressure Transmitter 压力变送器

- Measuring ranges from 0 ... 40 bar to 0 ... 200 bar
- Output signal: 4 ... 20 mA or 0 ... 10 V
- For pasty or crystallizing media
- E-connection: L-Plug, M12×1 or cable outlet
- High long-term stability
- Process connection G1/4 " front flush diaphragm

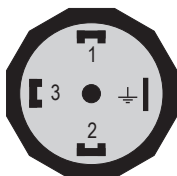
- 测量范围从 0 ... 40 bar 到 0 ... 200 bar
- 输出信号: 4 ... 20 mA 或 0 ... 10 V
- 用于测量粘稠或易结晶的介质
- 电气连接: L-Plug 插头, M12×1 插头或电缆输出
- 长期稳定性高
- 过程连接为 G1/4 " 齐平膜片

#### Drawing / 尺寸图



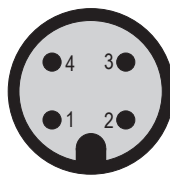
#### Wiring diagram / 接线图

L-Plug



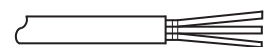
Pin / 针	4 ... 20 mA	0 ... 10 V
1	U <sub>b+</sub>	U <sub>b+</sub>
2	S+	0 V / S-
3	---	S+
⊥	---	---

M12 × 1



Pin / 针	4 ... 20 mA	0 ... 10 V
1	U <sub>b+</sub>	U <sub>b+</sub>
2	---	---
3	S+	0 V / S-
4	---	S+

Cable outlet / 电缆出线



Cable / 线缆	4 ... 20 mA	0 ... 10 V
red / 红	U <sub>b+</sub>	U <sub>b+</sub>
black / 黑	---	0 V / S-
yellow / 黄	S+	S+
white / 白	---	---

Technical Specification / 技术规范						
Pressure range 测量范围	0 ... 40	0 ... 60	0 ... 100	0 ... 160	0 ... 200	[ bar ]
Overload limit 过载极限	≤ 60	≤ 90	≤ 150	≤ 240	≤ 300	[ bar ]
Measuring principle 测量原理	piezoresistive / 压阻					
Supply voltage 供电电压	4 ... 20 mA output : 9 ... 30 ; 0 ... 10 V output : 12 ... 30 4 ... 20 mA 输出 : 9 ... 30 ; 0 ... 10 V 输出 : 12 ... 30					[ 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: ≤ (Ub-9V)/0.02A 0 ... 10 V: > 10KΩ					
Current consumption 电流消耗	4 ... 20 mA: ≤ 25 mA 0 ... 10 V: 8 mA					[ mA ]
Accuracy 精度	≤ ± 0.5					[ % ]
Repeat accuracy 重复精度	≤ ± 0.075					[ % F.S. ]
Compensated temperature range 补偿温度范围	0 ... 70					[ °C ]
Temperature error zero point 零点温度误差	≤ ± 0.03					[ % F.S./K ]
Temperature error range 量程温度误差	≤ ± 0.03					[ % F.S./K ]
Operating temperature 工作温度	-25 ... +85					[ °C ]
Storage temperature 储存温度	-30 ... +125					[ °C ]
Ambient temperature 环境温度	-25 ... +85					[ °C ]
Response time 响应时间	≤ 1					[ ms ]
Vibration resistance 抗振动性	10g (20 ... 2000Hz) sinus acc. to DIN EN 60068-2-6 10g 符合 DIN EN 60068-2-6 在 20 .. 2000 Hz					
Shock resistance 抗冲击性	100 g; 11 ms; DIN EN 60068-2-27 100g, 11 ms 符合 DIN EN 60068-2-27					
Housing 外壳材质	Stainless Steel 316L / 不锈钢 316L					
Wetted parts 接触部件	Stainless Steel 316L, Sealing material 不锈钢 316L, 密封材料					
Service life 使用寿命	> 100 million cycles / > 1 亿次循环					
Fitting thread 过程连接	G1/4" front flush diaphragm / G1/4" 齐平膜片					
Electrical connection 电气连接	L-Plug, M12×1 or cable outlet L-Plug 插头、M12×1 插头或电缆出线					
Reverse polarity and short circuit protection 反极性和短路保护	Yes / 带					
Protection degree 防护等级	IP65 using L-Plug / L-Plug 插头为 IP65 IP67 using M12×1 or cable outlet/ M12×1 插头或电缆出线为 IP67					

# Series 8326 / 8326 系列

Pressure Transmitter / 压力变送器

**aumarg**  
SENSORS & CONTROLS

## Specification key / 规格代码

8326 -  -  -  -  -  -  -

Measuring range / 测量范围	
81	0 ... 40 bar
82	0 ... 60 bar
83	0 ... 100 bar
84	0 ... 160 bar
50	0 ... 200 bar

Accuracy / 精度等级	
25	0,5%

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

O-ring / 密封圈材质	
N	NBR
F	FKM / FPM

Options / 选项	
W	without / 无
B	2 m
E	5 m
K	10 m

E-connection / 电气连接	
51	L-Plug EN 175301-803-A / L-Plug 插头
64	M12 × 1 / M12 × 1 插头
71	Cable outlet / 电缆出线

Pressure fitting / 过程连接	
90	G1/4" front flush / G1/4" 齐平膜片

### Sample:

**8326-83-25-19-F-90-51-W**

Pressure Transmitter  
Type: 8326  
Measuring range: 0 ... 100 bar  
Accuracy: 0,5%  
Output signal: 4 ... 20 mA, 2-wires  
Power supply: 9 ... 30V DC  
Sealing: FKM  
Material of housing: stainless steel 316L  
Operating temperature: -25 ... +85°C  
Pressure fitting: G1/4" front flush diaphragm  
E-connection: L-Plug acc. to DIN EN 175301-803  
Protection type: IP65

### 举例:

**8326-83-25-19-F-90-51-W**

压力变送器  
型号: 8326  
测量范围: 0 ... 100 bar  
精度等级: 0,5%  
输出信号: 4 ... 20 mA, 2 线制  
供电电压: 9 ... 30V DC  
密封材质: FKM  
本体材质: 不锈钢 316L  
介质温度: -25 ... +85°C  
过程连接: G1/4" 齐平膜片  
电气连接: L-Plug 插头  
防护等级: IP65