



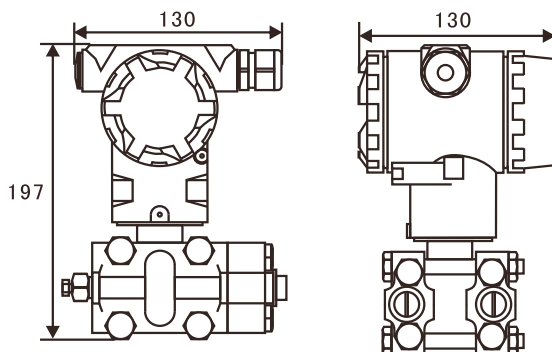
Description & Features:

- **Pressure range:** **Positive gauge pressure**
Minimum: 2 mbar Maximum: 100 bar
Negative gauge pressure
Minimum: -2 mbar Maximum: -100 bar
Absolute pressure
Minimum: 200 mbar Maximum: 68 bar
- Excellent long-term stability
- High overpressure
- Suitable for all the bad industry environment
- **Application:** process control

Technical Specifications

Pressure range	0...2 mbar and 0...100 bar			
Overload pressure	Lowest 1MPa Highest 32MPa			
Accuracy	0.075%F.S. 0.5%F.S. 0.2%F.S.			
Power voltage	12...30VDC, 24VDC			
Output signals	4-20mA 1-5VDC HART Per customer request			
Thermal effect	Compensation Temperature 0~50℃ -10~80℃	Media Temperature -25~85℃	Environment Temperature -30~85℃	Storage Temperature -40~125℃
Temperature Influence	0.02%F.S./℃			
Electrical Connection	Terminals Per customer request			
Protection Degree	IP67			
Mechanical Connection Size	M20*1.5 G1/2 NPT (F) G1/4 NPT (F) Per customer request			
Vibration Degree	20g 20-5000HZ			
Shock Degree	100g 11ms			
Material of Wetted Parts	304, 316, Stainless steel, Per customer request			
Operating life	> 1*10 ⁸ Pressure Cycling			

Dimensions (mm)



Ordering code LY36

LY36 - - - - -

Pressure												
Gauge Pressure	S	0	0									
Lower Pressure (≤1.6kPa)	L	0	0									
High Static Pressure	H	0	0									
Differential pressure	D	0	0									on request
Output												
4mA...20mA DC				1								
4mA...20mA DC/HART				3								
4mA...20mA DC/adjustable damping	S											
Special requirement				9								on request
Accuracy												
0.2%				1								
0.5%				5								
0.075%				7								
Special requirement				9								on request
Explosion proof grade												
Standard					S	1						
Explosion proof EExid IIC T6					E	1						
Explosion proof EExid IIB T5					E	2						
Intrinsic safety EExib IIC T6					A	1						
Intrinsic safety EExia IIC T6					A	2						
Construction material												
Low pressure side pressure vessel and joint 304 SS												
Drain/vent valve 304 SS						2	2	0				
Low pressure side isolation diaphragm 316 SS												
Low pressure side pressure vessel and joint 304 SS												
Drain/vent valve 304 SS						2	3	0				
Low pressure side isolation diaphragm Hastelloy alloy C												
Low pressure side pressure vessel and joint 304 SS												
Drain/vent valve 304 SS						2	4	0				
Low pressure side isolation diaphragm Monel												
Low pressure side pressure vessel and joint 304 SS												
Drain/vent valve 304 SS						2	5	0				
Low pressure side isolation diaphragm Tantalum												
Special requirement						2	6	0				on request
Display mode												
LCD digital range display (liquid crystal)									C			
LED digital range display (numeral pipe)									E			on request
Mounting												
Pipe mounting bend bracket									P			
Panel mounting bend bracket									N			
Pipe mounting flat brace									O			on request
Mechanical connection												
1/4-18NPT F										4		
1/2-14NPT F										2		
M20x1.5 (M) with guiding pressure tube										M		
1/2-14NPT M										1		
and rear welding guiding pressure tube												on request
Special requirement										9		
Information code												
By factory defined											B	
Specific need												
Special explain												Y