

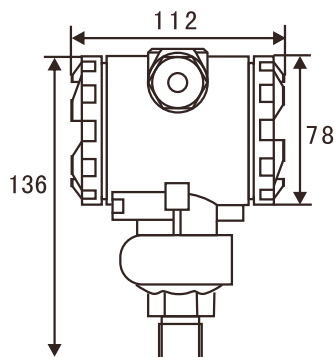


Description & Features:

- **Pressure range:** **Positive gauge pressure**
Minimum: 0.1 bar, Maximum: 350 bar
Negative gauge pressure
Minimum: -0.1 bar, Maximum: -1 bar
Absolute pressure
Minimum: 0.2 bar, Maximum: 35 bar
- Multi-optional protocol
- Excellent long-term stability
- CPU linearity, temperature compensation technology
- **Application:** process controls

Technical Specifications				
Pressure range	0...0.1 bar to 0...350 bar			
Overload pressure	1.5 times for full scale			
Accuracy	0.1%F.S., 0.05%F.S.			
Power voltage	12...30VDC, 24VDC			
Output signals	4~20mA RS485 HART Per customer request			
Thermal effect	Compensation Temperature -10~80℃	Media Temperature -25~85℃	Environment Temperature -30~85℃	Storage Temperature -40~125℃
Temperature Influence	0.02%F.S./℃			
Electrical Connection	DIN 43650 Pg 9. Terminals Per customer request			
Protection Degree	IP65 IP67			
Mechanical Connection Size	G1/2 M20*1.5 G1/4 Per customer request			
Vibration Degree	20g 20-5000HZ			
Shock Degree	100g 11ms			
Material of Wetted Parts	SUS304, SUS316 Stainless steel, Per customer request			
Operating life	> 1*10 ⁸ Pressure Cycling			

Dimensions (mm)



Ordering code LY16

LY16 - - - - - - - -

Pressure																	
	Gauge	G															
	Absolute	A															
Input		[bar]															
	0.10		1	0	0	0											
	0.20		2	0	0	0											
	0.40		4	0	0	0											
	0.60		6	0	0	0											
	1.0		1	0	0	1											
	1.6		1	6	0	1											
	2.5		2	5	0	1											
	4.0		4	0	0	1											
	6.0		6	0	0	1											
	10		1	0	0	2											
	16		1	6	0	2											
	25		2	5	0	2											
	40		4	0	0	2											
	60		6	0	0	2											
	100		1	0	0	3											
	160		1	6	0	3											
	250		2	5	0	3											
	350		3	5	0	3											
	customer		9	9	9	9											
Output																	
	4 ... 20 mA / 2-wire					1											
	RS485 Communication					R											
	HART Communication					H											
	customer					9											on request
Accuracy																	
	0.1% F.S.					1											
	0.05%F.S.					5											on request
Electrical connection																	
	Terminals							3	0	0							
	customer							9	9	9							on request
Mechanical connection																	
	G1/2"								G	0	0						
	G1/4"								G	4	0						
	1/2" NPT								N	0	0						
	M20x1.5								M	0	0						
	customer								9	9	9						on request
Seals																	
	NBR										1						
	FKM										2						
	PTFE										3						
	Stainless steel										4						
	customer										9						on request
Pressure port																	
	304 SS										4						
	316 SS										6						
	customer										9						on request
	Explosion proof EExid IICt6													X			
	Intrinsic safety EExia IICt6													A			
	Standard													S			
Display mode																	
	No display															N	
	LCD															C	