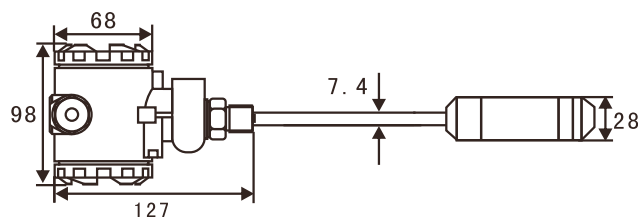


Description & Features:

- **Pressure range: Positive gauge pressure**
Minimum: 0.1 bar, Maximum: 20 bar
- The small diameter of 28mm
- CPU linearity temperature compensation technology
- Anti-leakage and anti-condensation technology
- **Application:** High accuracy of level measurement

Technical Specifications				
Pressure range	0...0.1 bar to 0...20 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 0-10mA 1-5VDC 0-10VDC 0-5VDC Per customer request			
Thermal effect	Compensation Temperature	Media Temperature	Environment Temperature	Storage Temperature
	-10~70°C	-10~70°C	-10~70°C	-20~70°C
Temperature Influence	0.02%F.S./°C			
Electrical Connection	Direct cable connection, Connection box, Per customer request			
Protection Degree	Probe is IP68, terminal is IP67			
Mechanical Connection Size	M42*1.5(M), Flange DN 50 PN1.0, Per customer request			
Vibration Degree	20g 20-5000HZ			
Shock Degree	100g 11ms			
Probe Material	304, 316 Stainless steel, Per customer request			
Operating life	> 1*10 ⁸ Pressure Cycling			

Dimensions (mm)



Ordering code LY31

LY31 - [][] - [] - [] - [][][] - [][][] - [][][] - [][][] - [][][] - [][][] - [][][]

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																
	20	2	0	0	2																
	customer	9	9	9	9															on request	
Output																					
	4 ... 20 mA / 2-wire					1															
	1VDC-5VDC 3-wire					3															
	customer					9															on request
Accuracy																					
	0.1%					1															
	0.05%					5															on request
Connection																					
	Cable							C	0												
	Pole (L≤3m)							P	0												
	customer							9	9												on request
Electrical connection																					
	Direct cable connection							1	0	0											
	Connection box							3	0	0											
	customer							9	9	9											on request
Mechanical connection																					
	DN50 - PN10 RF GB/T9119 -200							5	0	0											
	M42x1.5 (male)							M	0	0											
	customer							9	9	9											on request
Seals																					
	FKM									2											
	PTFE									3											
	Fully sealed welding									4											
	customer									9											on request
Pressure port																					
	304 SS										4										
	316 SS										6										
	customer										9										on request
Enclosure																					
	Standard												S								
Display mode																					
	Null													N							
	LCD													C							
	customer													9							
Connection length																					
	XXX is actual meters (L=XXX)														L						
Measuring density																					
	XX is density (P=XX)															P					
Specific need																					
	Please note when ordering																				Y