


# YLZ-LC Double Flange Pressure Transmitter

## Specifications

Medium	Gas, liquid, steam			
Range (involves secondary package oil filling, measurement range and flange specifications need to be confirmed)	Min range (kPa)	Range and sensor limits		
		Max range (URL)	Min range (LRL)	
	1.0	6.0	-6.0	
	4.0	40	-40	
	10.0	100	-100	
	12.5	250	-100	
	25.0	500	-100	
	25.0	1000	-100	
	87.5	3500	-100	
Range ratio	40:1			
Accuracy	Class 0.2, Class 0.5 (including linearity, return difference and repeatability)			
Range ratio effect	Class 0.2	When the range ratio is 1:1~10:1, it is $\pm 0.2\%$ of the range		
		When range ratio >10:1, it is $\pm [0.03 \times \text{range ratio} - 0.1]\%$ ;		
Stability	Class 0.2	The 36-month error is $\pm 0.25\%$ of the maximum range		
Temp. effect	Class 0.2	The zero or range error is $\pm 0.25\%$ of the maximum range /28°C		
Power effect	Less than $\pm 0.05\%/g$ of the max range			
Vibration effect	Less than $\pm 0.05\%/g$ of the max range			
Installation effect	Zero drift is not more than 0.25kPa, this error can be eliminated by zero adjustment, has no effect on the range			
Static pressure effect	Zero effect	$\pm 0.1\% \text{URL}/10\text{MPa}$		
	Range effect	$\pm 0.2\% \text{URL}/10\text{MPa}$		
Output	4~20mA+HART (Can have RS485 at the same time)			
Power supply	15~36VDC			
Ambient temp.	-40°C~85°C			
Medium temp.	-40°C~120°C			
Storage temp.	-40°C~85°C			
Display	7 bit LCD			
IP rating	IP65			
Ex rating	Exd IIC T6Gb			