

YLZ-F

Straight Mounting Single Flange Pressure Transmitter

Specifications

Medium	Gas, liquid, steam		
Range	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 $\pm 0.005\%/V$ of the calibration 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		

