

Features

- 0.5%F.S Accuracy
- Anti pressure impact buffer joint
- HART Protocol
- Isolation explosion protection
- Configurable live display
- Multiple pressure connection



Description

LFT6200-HART series pressure transmitter is an isolation explosion-proof product, with high cost effective. It adopts 316L stainless steel pressure head, the pressure core comes from the international famous brand, and the exclusive V/I converter circuit can be easy to set zero/span calibration.

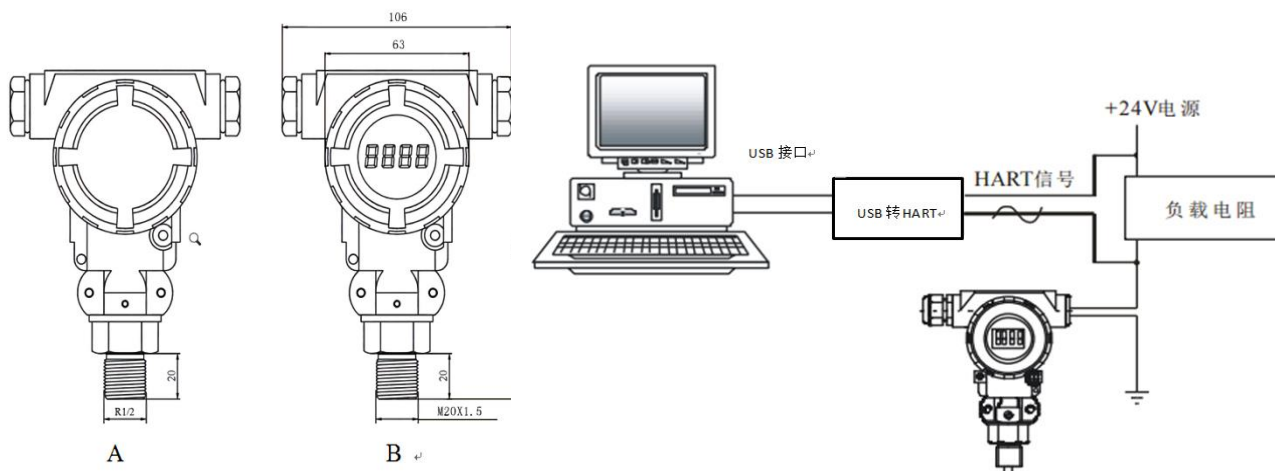
User can use the HART communicator to manage, adjust or monitor the whole processing of HART instrument, and can also use the key for field configuration easily. It is suitable for the precise measurement of gas and liquid pressure in various industries. Intelligent bus network is convenient and cost saving. It is an ideal pressure measurement and control instrument in the field of industrial automation.

It has the advantages of low-drift, stable performance, reliable quality, reasonable structure and so on

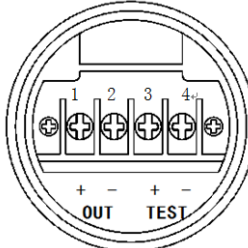
Technical Specification

General	Value
Pressure Range	-100KPa~100KPa,0~2...70MPa
Overload Pressure	2 times of full scales (2X)
Breaking Pressure	3 times of full scales (3X)
Accuracy	±0.5%F.S
Stability	0.1%F.S/Year
Working Temperature	-20°C~80°C
Compensation Temperature	-10°C~70°C
Medium Compatibility	Gas or liquid compatible with 316L、1Cr18Ni9Ti、VITON & NBR
Output Mode	2-wire system
Output Signal	4~20mA+HART
Supply Voltage	10~36Vdc
Insulation	>100M Ω@500V
Electric Strength	500V@60 second
Electrical Connection	Waterproof outlet
Protection Grade	IP67
Pressure Connection	M20×1.5, G1/2, R1/4, NPT1/2

Dimension(Unit: mm)



Electrical Connection

Pin-out Output Type	OUT		TEST		Terminal 
	1 (Red)	2 (Black)	3 (Green)	4 (White)	
4~20Ma+HART	Vcc“+”	Signal			

Function Description¹

Interface	Descriptions
SAd	Set address: 0-15 Remark: when SAd isn't zero, the output is always 4mA
LAd	Set long address
FSL	Set the lowest full scale
FSH	Set the highest full scale
Unt	Unit: bar、psi、kPa、MPa、mbar
END	Save Settings

¹1: User Password: 01



Order Ref No.

Code & Description		Remark						
T6200		Model						
Range	-100~0~100Kpa/0~2...600bar/0-60MPa	Pressure Range						
HART	HART = 4~20mA (2-wire system) with HART Protocol	Output Mode						
K	K = kPa	P	P = psi	Unit				
M	M = MPa	B	B = bar					
0.5	0.5 = 0.5%F.S			Accuracy Grade				
D	D =Direct Lead			Electrical Connection				
G	G = G1/4	G2	G2 = G1/2	Pressure Connection				
N	N = NPT1/4	M	M = M20*1.5					
R	R = R1/4	U	U = 7/16					
1.0	1.0 = 1m			Wire Length				
2.0	2.0 = 2m							
3.0	3.0 = 3m							
T6200	0-60	HART	B	0.5	D	G2	1.0	Example