

HYM260 Guided Wave Radar Level Meter



Nanjing Hangjia Electronic Technology Co., Ltd.

Overview

High-frequency microwave pulses issued by the guided wave radar propagate along detection components (steel cable or steel rod), meet the media to be measured, since the dielectric constant of the mutation, cause reflections, a portion of the pulse energy is reflected back. Transmit pulse and the reflected pulse is proportional to the distance and the time interval measured media.

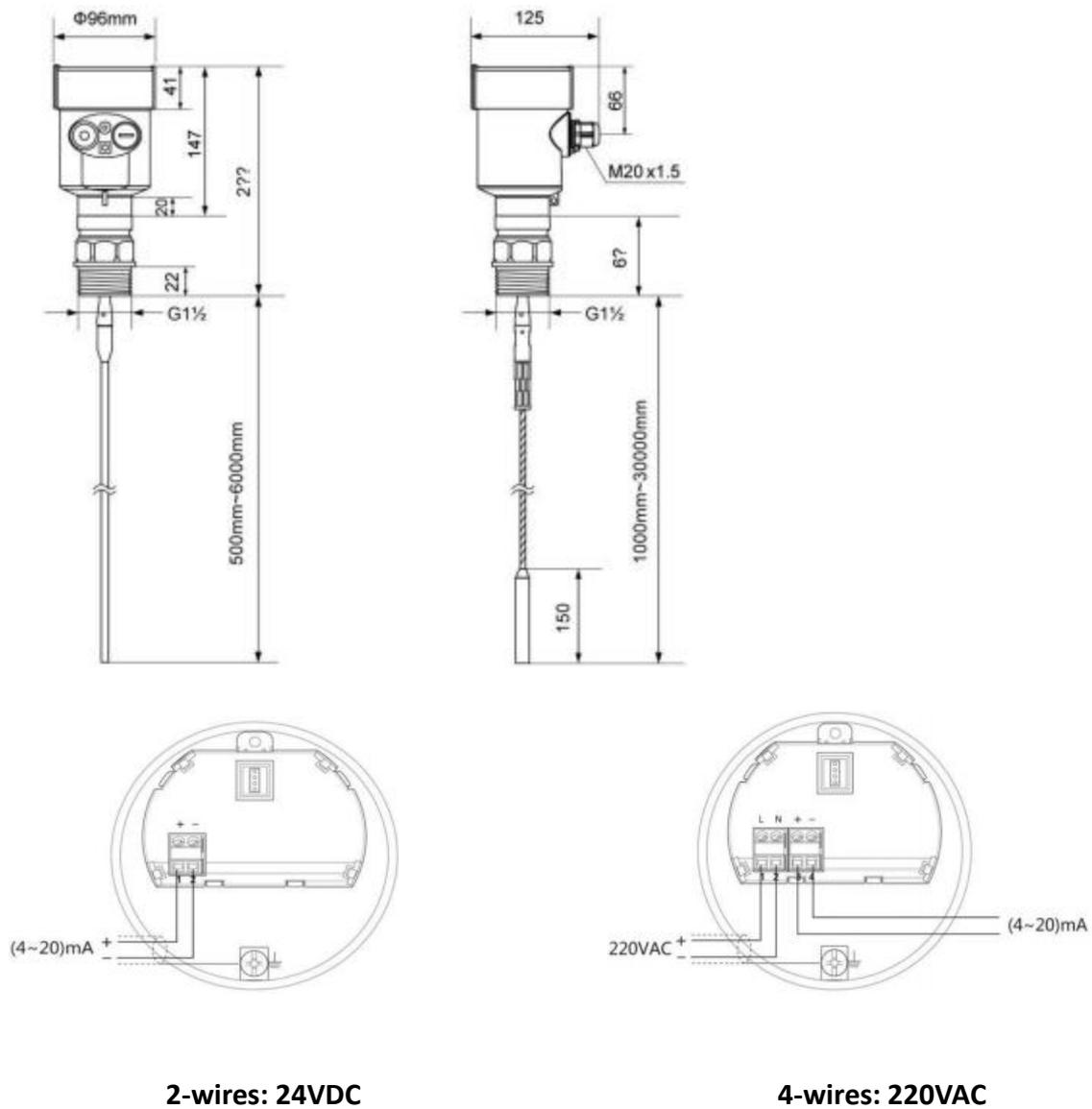
Features

1. As a result of advanced microprocessor and unique discovery echo processing technology, guided wave radar level meter can be used in a variety of complex conditions.
2. Because of the type of process connections and detection components, making Series Guided Wave Radar Level Meter is suitable for a variety of complex conditions and applications. Such as: high temperature, high pressure and low dielectric constant media.
3. Pulsed work, low power supply, can be installed in a variety of metals, non-metallic container, no harm to human and the environment.

Technical Parameters

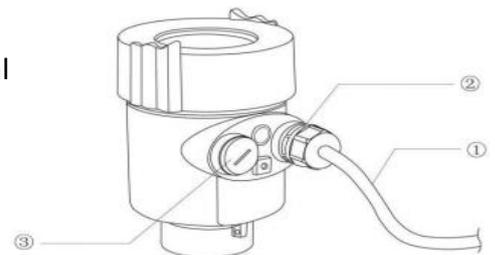
Measure Range	0-30m
Measuring medium	Liquid, solid powder
Frequency	500MHz- 1.8GHz
Accurate	±10mm
Process temperature	-40 ~ 150°C, 200 upper can customize
Process pressure	-0.1 ~ 4.0MPa
Process connection	Thread, Flange selected
Protection grade	IP67
Output signal	4...20mA/HART
Power Supply	Two-wire DC24V Four-wire (DC24V/AC220V)
Display	LCD,Adjustment keypad
Antenna	Cable or single rod antenna

Structure Drawing (unit:mm)



How to ensure that the installation meets IP67 requirements:

1. Make sure that the sealing head is not damaged.
2. Make sure that the cable is not damaged.
3. Make sure the cable is used in line with the electrical connection specifications.
4. Before entering the electrical interface, the cable is bent downwardly, to ensure that water does not flow into the casing, see ①
5. Please tighten the cable sealing head, see ②
6. Keep electrical interface with blind unused block after block tight, see ③



Ordering Guide

Item NO.	Type				
HYM260	Guided Wave Radar Level Meter				
	Code	Type			
	P34	NPT 3/4			
	P1	NPT1			
	G12	G1/2			
	G1	G1			
	F	Flange			
	Other	Customized			
		Code	Temperature		
		N	Normal -40~130°C		
		H	High -40~250°C		
		Code	Supply Power		
		V1	24VDC		
		V2	220VAC		
		Code	Length of the probe		
	A	cable type			
	B	single rod type			
		Code	Output		
		B1	4-20mA		
		B7	RS485		
		B8	HART		
HYM260	G1	H	V1	A	B1B8