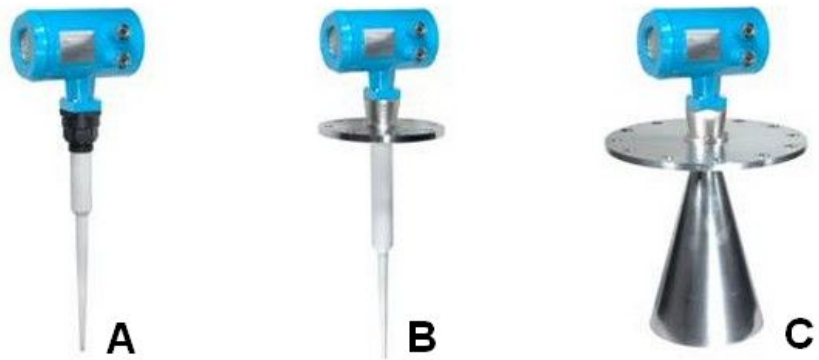


## GE-1205 Radar Level Transmitter Meter

The GE-1205 ultrashort microwave impulse with very short emission energy can be emitted and received through antenna. The radar wave moves at the velocity of light. The moving time can be converted into substance position signal through electrical components. A special time-extension method can secure stable and precise measurement within very short time.

Even under very complicated working conditions, such as the existence of false wave echo, it is possible to precisely analyze the wave echo of the substance position by using the latest micro-processing technology and debugging software.

- \* Work Frequency: 6.8GHz
- \* Measure Range: 0~35m
- \* Repeatability: +/-2mm
- \* Response Time: >0.2s
- \* Output: 4-20mA HART
- \* Accuracy: <0.1%
- \* Power Supply: 24V DC(+/-10%),
- \* Environment Temperature: -40C ~ 80C
- \* Work Temperature: -40C~250C
- \* Work Pressure: —1~40bar
- \* Explosion Proof: EXiaIICT6
- \* Protect Grade: IP68



Types	GE-1205A	GE-1205B	GE-1205C
<b>Application</b>	Process condition is simple, corrosive liquids, slurries and solids For example: Water tank Acid and alkali tanks Slurry tanks, Solid granules Small petrol tanks	Storing corrosive liquids, slurries and solids For example: Water tank Acid and alkali tanks, Slurry tanks Solid granules, Small petrol tanks	Suitable for all kinds of storing tanks or process measuring environment, liquids, slurries and solids. For example: Crude oil, light oil tank Coal and powder coal bunkers Volatile liquid tank, Charcoal level Slurry tank, Solid granules
<b>Measuring range</b>	20 meters	20 meters	35 meters
<b>Process connection</b>	Screw	Flange	Flange
<b>Process temperature</b>	-40-120℃	-40-150℃	-40-250℃
<b>Process pressure</b>	-1.0-3bar	-1.0-20bar	-1.0-40bar
<b>Repeatability</b>	± 2mm	± 2mm	± 2mm
<b>Precision</b>	< 0.1%	< 0.1%	< 0.1%
<b>Frequency range</b>	6.8GHz	6.8GHz	6.8GHz
<b>Anti-explosion/safety</b>	EXiaIICT6/IP68	EXiaIICT6/IP68	EXiaIICT6/IP68
<b>Signal output</b>	4...20mA/HART(two phases)	4...20mA/HART two phases)	4...20mA/HART(two phases)

GE-1205 Smart radar level meter, for its characters of non-touchable measurement, can precious measure the media of pollution and corrosion. Its stable and accurate apparent is also shown in complex measurement. Outputs an analog signal 4~20mA, can be controlled by remote. It is adopted an unique micro-wave technology, Echo-tech process applied for various industrial condition. The pulse working method can measure small dielectric constant media, and safely applied in metal and nonmetal vessels. It is not harmful for human body and environment.