

GLT744

PRODUCT OVERVIEW

GLT744 is a kind of non-contact radar level meter with high accuracy and high performance. It adopts advanced 80GHz FMCW (Frequently Modulated Continuous Wave) radar technology, which is suitable for various liquid level measurement applications like reservoirs, rivers, lakes, groundwater and industrial storage tanks. It is embedded with Bluetooth module, supports wireless connection and debugging, suitable for onsite installation and maintenance.

CHARACTERISTICS

- High precision measurement: 80GHz high frequency radar wave, provides millimeter-level measurement accuracy.
- Non-contact measurement: avoids the corrosion and wear problems that traditional water level gauges may encounter.
- Bluetooth debugging: Through Bluetooth connection, mobile devices can be used for on-site debugging and data reading.
- Resistant to harsh environments: IP68 high protection grade makes products work normally in harsh weather conditions.

APPLICATION

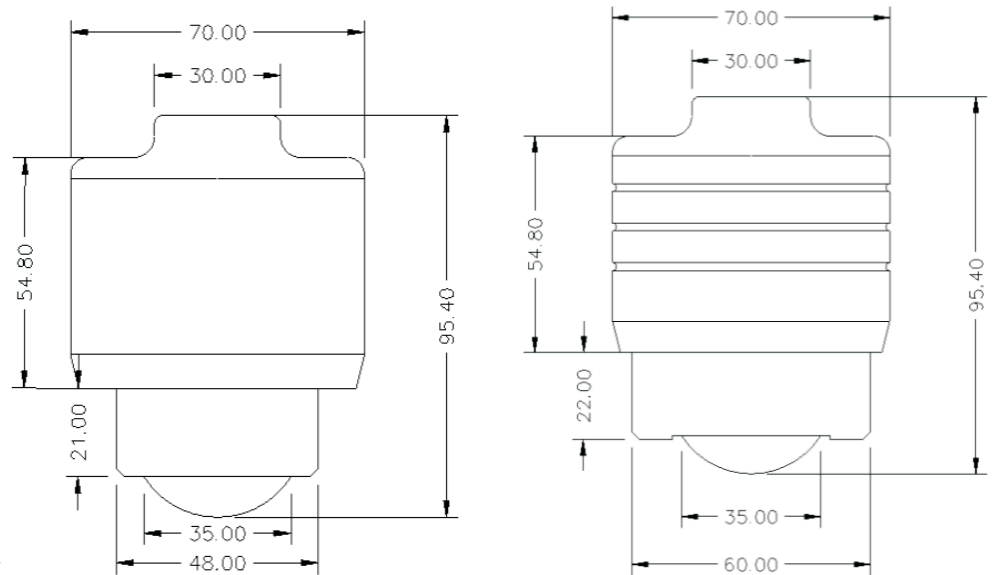
- Water resource management: Monitor liquid level of reservoirs, rivers and lakes.
- Urban drainage system: Monitor sewers water level in real time to prevent water logging.
- Industrial applications: Control and monitor liquid level of chemical, oil industry, and mining storage tanks.
- Agricultural irrigation: Control irrigation system automatically and improve water resource utilization rate.

TECHNICAL PARAMETERS

Range	0.1 m ~65m
Transmission frequency	76GHz~81GHz
Accuracy	±1mm
Beam angle	6°
Power supply	14~28 VDC
Communication method	4-20mA/HART/Bluetooth/RS485
Working temperature	-30~75℃
Shell material	Stainless steel/Cast Aluminum
Antenna type	Lens antenna
Recommended	0.5mm ²
Protection grade	IP68
Installation method	Frame/thread
Cable entry	PG9 Cable Connection



DIMENSION



ORDERING GUIDE

GLT744								
	Code	Shell material						
	P	Cast Aluminum						
	F	Stainless steel						
		Code	Protection grade					
		L	IP65					
		G	IP68					
		Y	Special requirements					
		Code	Process interface					
		F	Thread G2					
		B	Frame					
		Y	Special requirements					
		Code	Output					
		1	4~20mA +Bluetooth					
		2	4~20mA +HART+Bluetooth					
		3	RS485					
		4	RS485+Bluetooth					
		Y	Special requirements					
		Code	Range					
		W	0-10m					
		E	0-30m					
		R	0-65m					
		Code	Wire length					
		X	Customized length m					
		Code	Material					
		L	Liquid					
GLT744	P	L	F	1	W	X	L	