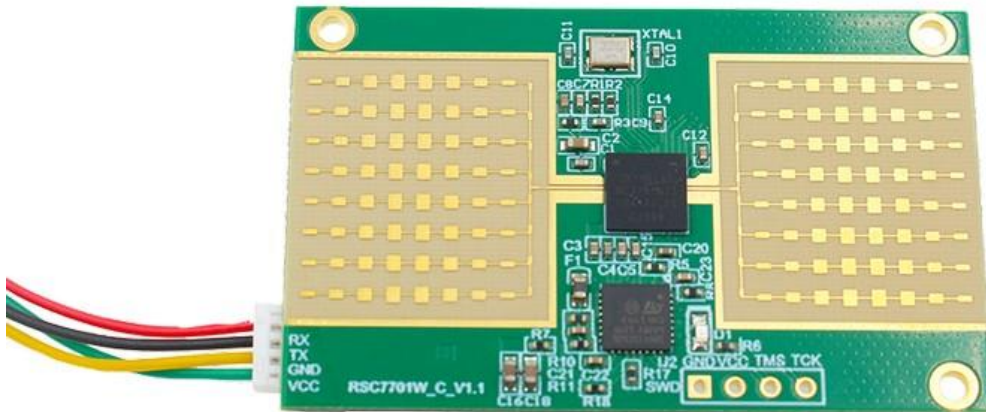


XM7980

79G high-frequency water level detection radar sensor

User Manual

File Version: V24.11.14

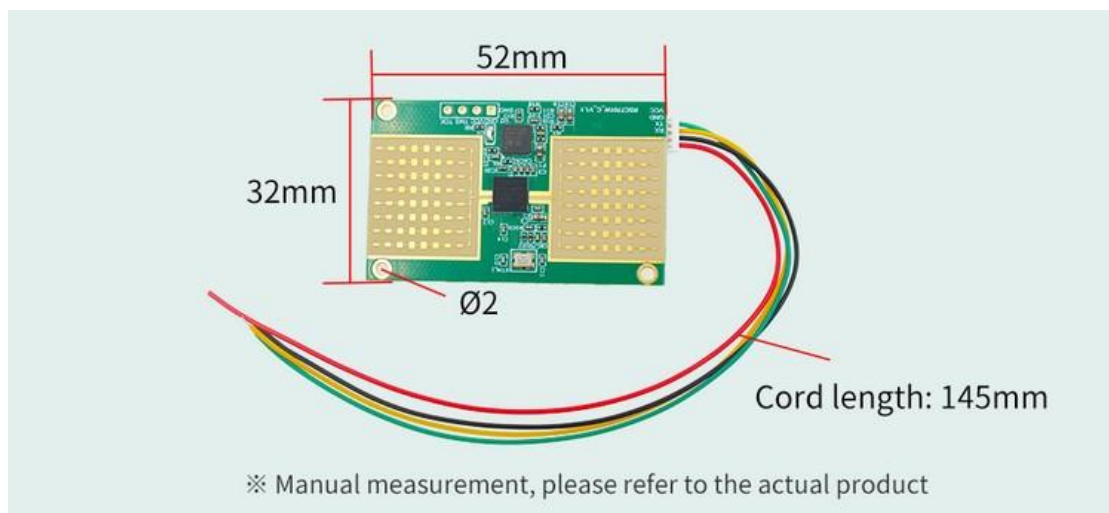


XM7980 using the standard ,easy access to PLC , DCS and other instruments or systems for monitoring liquid level radar state quantities.The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability,can be customized RS232,RS485,CAN,4-20mA,DC0~5V\10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

Technical Parameters

Technical parameter	Parameter value
Brand	XUNCHIP
Measurement range	0-15m (optional)
Measurement accuracy	$\pm 2\text{mm}$
Measurement frequency	79~81G
Antenna Beam	$\pm 2.75^\circ$
Measurement blind spot	$\pm 0.26\text{m}$
Sampling period	200ms
Communication Interface	TTL
Default baud rate	115200 8 n 1
Power	DC3.3V 1A
Running temperature	-30~85℃
Working humidity	5%RH~90%RH

Product Size



In the case of broken wires, wire the wires as shown in the figure. If the product itself has no leads, the core color is for reference.

How to use?

Water level detection radar is mainly used in hydrological monitoring, urban pipe network, and water level measurement in the case of fire water tank. It supports UART output, plug and play, and can be flexibly applied to different intelligent scenarios.



Hydrological
monitoring



port



Urban pipe
network



Fire water tank

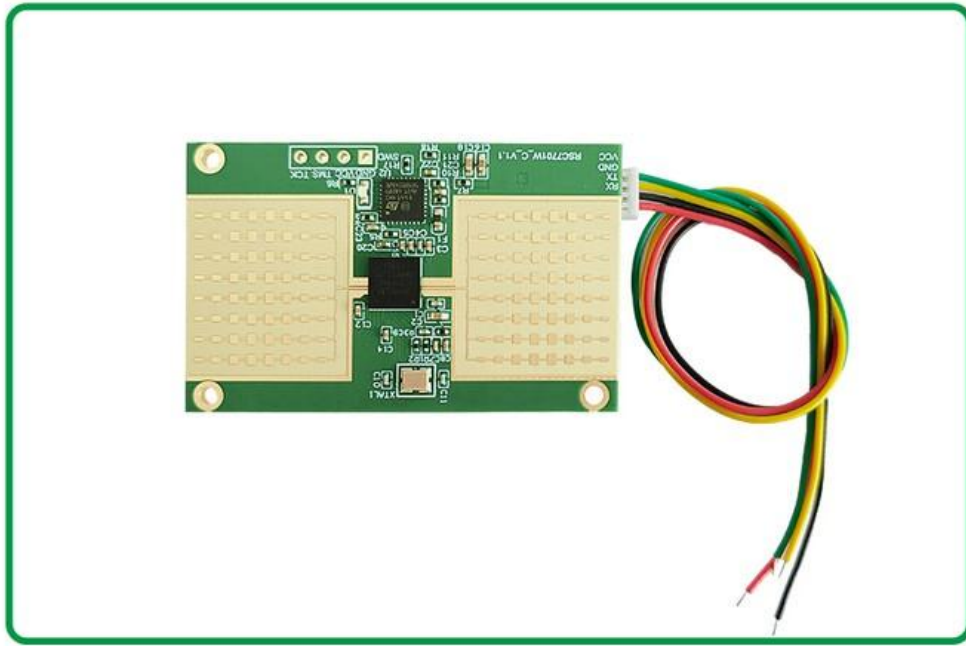


Sewer networks



reservoir

Product List



Number of sensors: 1 pcs

Disclaimer

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