

AiW-3648

80 GHz Smallest & Cheapest Water Level Radar Gauges

Features

- Smart features designed to make life easy
- Communicate via Bluetooth wireless technology
- Advanced diagnostics and Smart Meter Verification
- Versatile FMCW radar for application flexibility
- Industrial design concept, the appearance of the product fits In natural environment



Applications

- Non-contacting radar technology is ideal for a wide range of the liquid applications as it is maintenance-free, has a top-down installation that reduces the risk of leakages.
- Water treatment and sewage treatment measurements, river reservoir water level measurement.

Specifications

NO.	SPECIFICATION	PROCESS SEGMENT
1	APPLICATIONS	Liquid / Solid (not recommended)
2	MEASURING PRINCIPLE	80 GHz., W-band, FMCW
3	ACCURACY	± 2mm or better
4	RANGE	Liquid: Up to 18m / Solids: Up to 8m
5	KEYBOARD + DISPLAY	NO
6	DEAD ZONE	< 60mm
7	BEAM ANGLE	< 6.5°
8	OUTPUT	2 Wire 4-20 mA /or 4 wire RS-485
9	PROCESS CONNECTION	G2" / NPT
10	PROCESS PRESSURE	-0.3 ~ 0.3 MPa
11	PROCESS TEMPERATURE	-40° to 80°C
12	POWER SUPPLY	12 to 30 VDC
13	BLUETOOTH 5.0 FEATURE	(RadarMobileManager) Required with Mobile App
14	IP RATING	IP 68

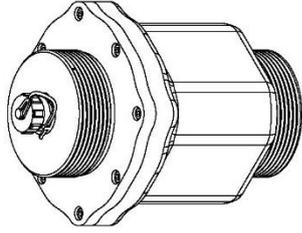
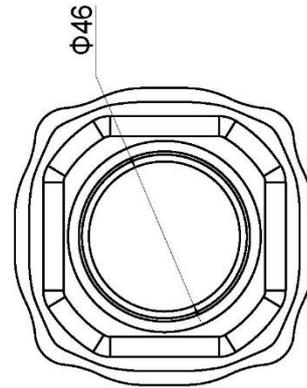
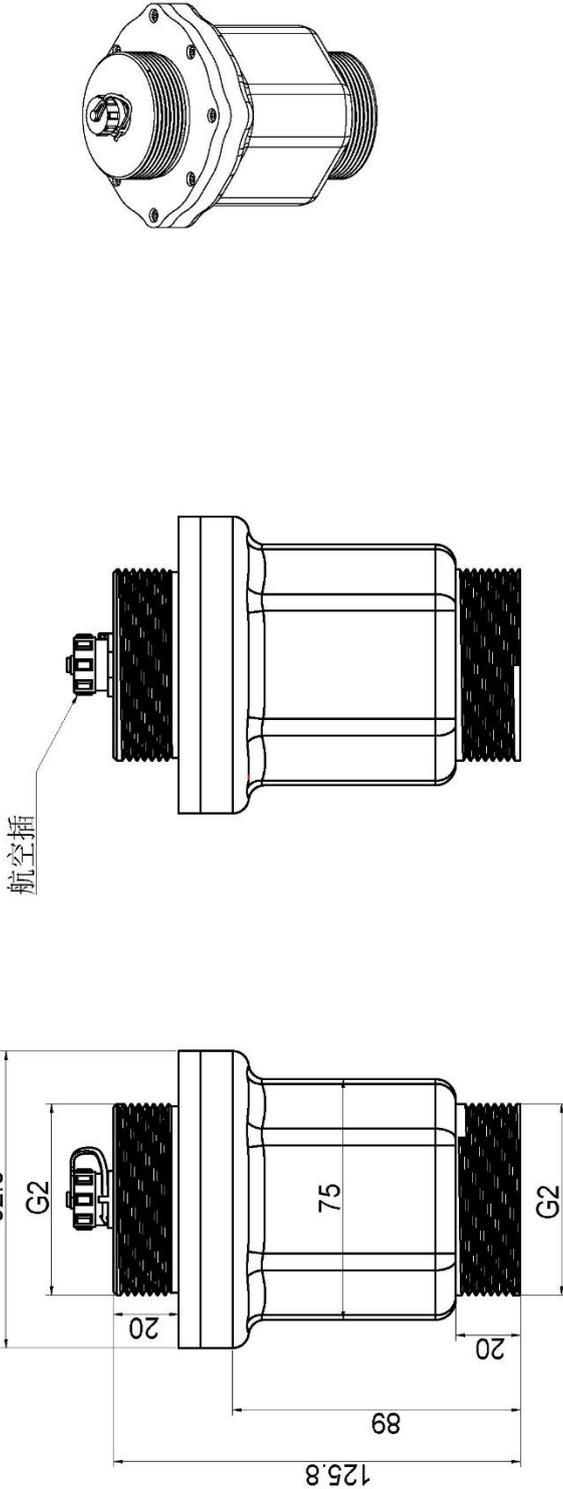
SERVICE CONTACT: 86-13799977915, 86-18965063391(TECHNICAL SUPPORT), 86-18106067295(AFTER SALE SERVICE)
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MKT-23Y07-0124

ANL-3648MG Products Dimensions in millimeters

REV	DESCRIPTION	DATE	DWN	APVD
A	1st edition release.	2018-01-11	Robin	Phoenix

1.6



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PROJECT/PRODUCT	ANL-5692	PART NAME	MATERIAL
REF SCH	N/A	IBD	PDP
REF PCB	N/A	PART NO.	QTY
FILE	5692-046-000RA	DRG NO.	1
		DIMENSIONS	mm
		SCALE	1:1
		SHEET	REV
		1 OF 1	A
		SIZE	A3

Doc Ver 3.0

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