

GRK-800 RADAR LEVEL TRANSMITTER

Description :

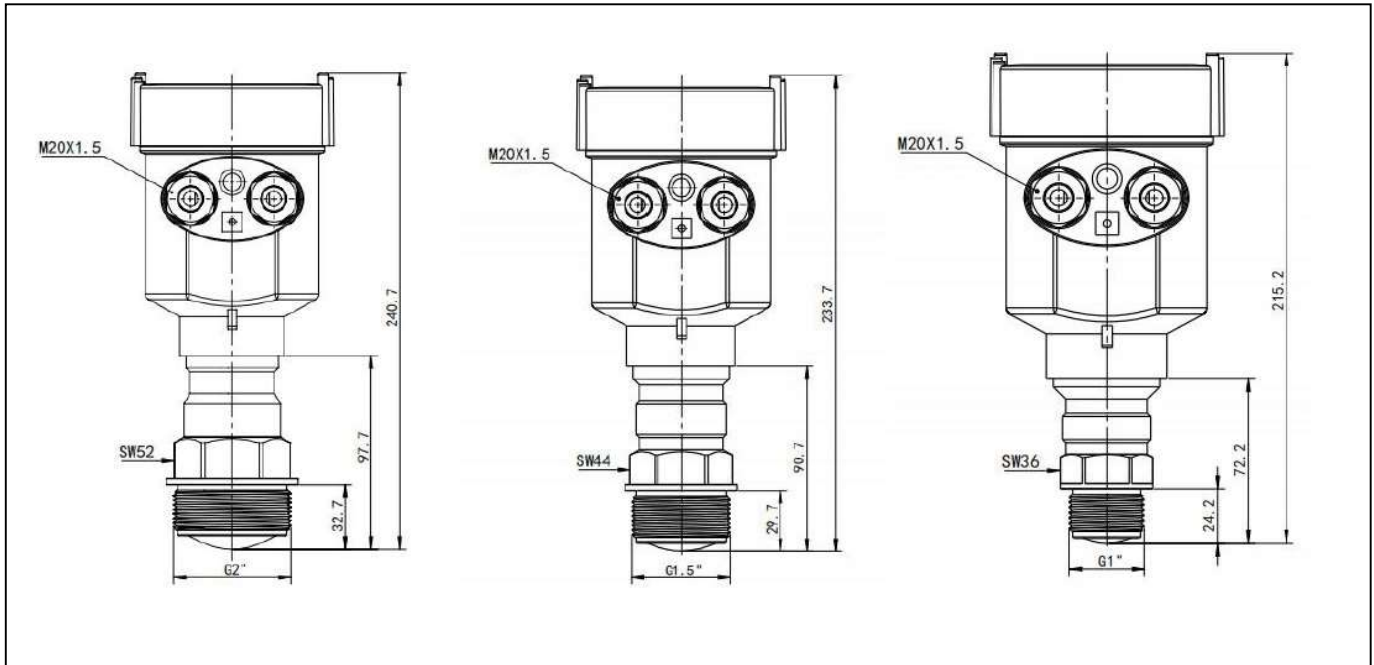
The GRK-800 is an FMCW radar transmitter for continuous level measurement of liquid , simple solid and open water application.

Feature :

- High frequency : 80 GHz, more focus
- Accuracy $\pm 2\text{mm}$ (Liquid) , $\pm 5\text{mm}$ (Solid)
- PTFE sealed antenna, not affected by temperature, condensate water
- Measuring range : up to 30m
- Small emitting angle : $\pm 3.5^\circ$
- G Thread connection, , customized flange / thread



Dimension :



Specification :

Model	GRK-800
Product Type	FMCW Radar Level Transmitter
Application	- Simple liquid measurement (exp.water,up to 30m) - Standard Liquid measurement (exp.corrosive chemical) - Simple solid measurement
Frequency	77 GHz-81GHz
Measurement Range	Liquid : 10M- 20M – 30M Solid : 10M- 20M – 30M
Accuracy	±2mm for liquid ±5mm for solid
Beam Angle	±3,5 °
Antenna Material	SS304 / Sealed PTFE
Process Connection	Default G2 . Thread and flange (customized)
Process Temperature	-20°C to 70°C
Process Pressure	Normal atmospheric pressure
Signal Output	4-20mA / Modbus - RS485/ Hart
Power	Two-wire DC 24V (22V~30V)
Protection	IP67
Explosion-proof	Exd II CT6Gb
Weight	96mm X 200mm, Weight 2kgs.

Order Guide :

Model	Medium	Measuring	Connection	Temperature	Cable Entry	Electronics	Protection
GRK-800							

Medium : Liquid N
Solid NS

Measuring Range (m) 10 / 20 / 30

Connection : G Thread G1 / G1.5/ G2
Flange F

Temperature : -20-70°C N

Cable Entry : M20×1.5(F) M
1/2NPT N

Electronics : Two wire 4...20mA T
Modbus M
Hart H

Protection : IP 67 P

For Example : GRK-800-NS-20-G2-N-T-P