

Radar Level Meter

■ DESCRIPTION:


The radar level meter adopts the measurement method of microwave pulse, and can be normal in the industrial frequency band with low beam energy. Perform non-contact continuous measurements. It is suitable for occasions where dust, temperature and pressure change greatly and inert gas and steam exist.

70 Series Guided Wave Radar Level Meter






Model	 ATRDR701	 ATRDR702	 ATRDR703	 ATRDR704	 ATRDR705
Application	Liquid and solid powder measure, complicated process conditions	Liquid, especially corrosive liquids: Acids, bases or other corrosive media	Solid powder: Cement silo powder measure; Ash powder measure	Liquids, particularly low dielectric constant liquid: deionized water, deoxygenated water and other liquids	Liquids, especially high temperature and pressure environment of liquid: Sealed cans, greater pressure liquid measurement
Measure Range	0-30m	0-20m	0-30m	0-6m	0-15m
Process Connection	Flange or Thread	Flange or Thread	Flange or Thread	Flange or Thread	Flange or Thread
Medium Temperature	-40~250°C	-40~200°C	-40~150°C	-40~250°C	-200~400°C
Process Pressure	-0.1~4MPa	-0.1~4MPa	-0.1~4MPa	-0.1~4MPa	-0.1~40MPa
Output	4-20mA+HART, RS485	4-20mA+HART, RS485	4-20mA+HART, RS485	4-20mA+HART, RS485	4-20mA+HART, RS485
Accuracy	±10mm	±10mm	±10mm	±10mm	±10mm

Radar Level Meter

26G 90 Series Radar Level Meter

Model	 ATR901	 ATR902	 ATR903	 ATR904	 ATR905	 ATR906
Application	All kinds of corrosive liquid	Liquid	Solid material, Strong dusty to crystallize, condensation occasion	Solid material, Strong dust, easy to crystallize, condensation occasion	Solid particles, Powder	Hygienic liquid storage, Corrosive container
Measure Range	0-10m	0-30m	0-70m	0-80m	0-30m	0-20m
Process Connection	Thread or Flange	Thread or Flange	Universal Flange	Universal Flange	Thread or Flange	Flange
Medium Temperature	-40°C~130°C	-40°C~250°C	-40°C~250°C	-40°C~250°C	-40°C~250°C	-40°C~250°C
Process Pressure	-0.1~0.3 MPa	-0.1~4.0 MPa	-0.1~0.1 MPa	-0.1~0.1 MPa	-0.1~4.0MPa -0.1~0.1MPa	-0.1~0.1 MPa
Output	4-20mA+HART, RS485	4-20mA+HART, RS485	4-20mA+HART, RS485	4-20mA+HART, RS485	4-20mA+HART, RS485	4-20mA+HART, RS485
Accuracy	± 5mm	± 3mm	± 15mm	± 15mm	± 10mm	± 3mm

80G FMW Series Radar Level Meter

Model	 FMW11S	 FMW11	 FMW13	 FMW14	 FMW21
Application	Liquid	Liquid	Liquid	Liquid	Solid
Measure Range	0-10m	0-30m	0-150m	0-30m	0-150m
Process Connection	Thread or Flange	Thread or Flange	Flange	Flange	Flange
Medium Temperature	-40~100°C	-40~80°C	-40~120°C	-40~200°C	-40~80°C/-40~120°C
Process Pressure	-0.1~1.6 Mpa	-0.1~0.3 Mpa	-0.1~1.0 Mpa	-0.1~2.5 Mpa	-0.1~0.3 Mpa
Output	4-20mA+HART, RS485	4-20mA+HART, RS485	4-20mA+HART, RS485	4-20mA+HART, RS485	4-20mA+HART, RS485
Accuracy	± 5mm	± 2mm	± 2mm	± 2mm	± 5mm