






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.

& PRODUCT INTRODUCTION

70 Series Guided Wave Radar Level Meter




Model					
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
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℃	-40~200℃	-40~150℃	-40~250℃	-200~400℃
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

Working Picture








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 dusteas 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