



ALT 6210

Smart Radar Level Transmitter



LEVEL



Overview

The ALT-6210 is a reliable 2-wire radar level transmitter for liquids and slurries, designed for outstanding performance in a wide range of applications and process conditions. It measures level directly and is unaffected by most fluid property changes, including temperature, pressure, vapor gas mixture, density, turbulence, bubbling/boiling, dielectric, pH, viscosity, crystallization, etc.

Features

- Non contacting, making it virtually unaffected by process conditions
- No moving parts, means little or no Maintenance
Less affected by coating with Condensation Resistant Antenna
- Reduced echoes from obstacles / tank walls with Circular Polarization
- Continuous measurement of level or distance-to-surface.



Specification

Measuring range	0.5 ~ 20 meter
Frequency	~ 26 GHz
Power	16 ~ 45VDC
Accuracy	+/- 3 mm
Output	4 ~ 20 mA
Operation Temperature	-20 to + 80 °C
Process Temperature	-40 to + 160 °C (-40 to + 400 °C optional)
Process Pressure	20 bar(160 bar optional)
Response Time	< 1 second
Warm-up Time	< 5 seconds

ALT-6210 Ordering Information

1 Ordering Information

Model	Description	
ALT6210	Radar Level Transmitter	
Code	Measurement	
-L	Level	
-D	Distance	
Code	Antenna Type	
4H	100 mm / 4"*	
6H	150 mm / 6"	
8H	200 mm / 8"*	
R	Rod Antenna*	
Code	Process Connection	
A41	4" ANSI, #150*	Flange
A61	6" ANSI, #150	
A81	8" ANSI, #150*	
J10	JIS 100A, 10K*	
J15	JIS 150A, 10K*	
J20	JIS 200A, 10K*	
S	Special*	
Code	Process Temperature / Pressure	
S	Standard	
H	High Temperature*	
HP	High Temperature & High Pressure*	
Code	Material of Construction : Process Connection / Antenna	
S	304 SST	
T	316 SST	
P	CPVC	
H	HAST-C*	
M	Monel*	
S	Special*	
Code	O-ring Material	
V	Viton	
E	EPDM	
K	Kalrez	
B	Buna-N	
Code	Electrical Connection	
1	1/2-14NPT Epoxy-Polyester Painted Aluminum	
2	G1/2-14 Epoxy-Polyester Painted Aluminum(Adapter)	
X	Special*	
Code	Hazardous Location Certifications	
-K0	Maker Standard (Waterproof:IP67)	
-K1	KOSHA Flameproof Approval*	
Code	Option	
M1	LCD Indicator	
LP	Lightening Protector	
BA	Stainless Steel Bracket (Angle Type with SST Bolts)	
BF	Stainless Steel Bracket (Flat Type with SST Bolts)	
ST	Stainless Steel Housing	

ALT-6210 Ordering Information

Example : ALT6210-L6HA61SSV-K0M1

Radar Level Transmitter, 6" Horn Antenna, 6" ANSI, #150, Flange,

Standard Temp/Pressure,

Material of Construction 304 SST, Viton O-ring, Maker Standard Certification,

LCD Indicator

Note : "*" consult manufacturer before order

Customer Service and Support



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