

## HORIZON™ 704 Guided wave radar level transmitter

### DESCRIPTION

Horizon™ 704 is a loop-powered, 24 V DC liquid-level transmitter based on the revolutionary Guided Wave Radar (GWR) technology. The electronics of the HORIZON 704 is integral mount on the GWR probe and allows local configuration via a 3-button keypad / display. HORIZON 704 electronics are compatible with different types of GWR probes each encompassing different application challenges (coaxial or twin rod types). The aluminium or Lexan® housing can be removed for service under process conditions.

### FEATURES

"Real Level", measurement not affected by changing media variables eg. dielectrics, pressure, density, pH, viscosity, ...

Easy bench configuration - no need for level simulation.

2-line x 8 characters display / 3-button keypad or blind transmitter.

Housing can be easily removed without depressurising the vessel.

HART®/AMS® digital communication.

Max process temperature: +205 °C (+400 °F).

Max process pressure: 70 bar (1000 psi).

4-20 mA output (meets NAMUR NE 43).

Integral mount electronics.

### APPLICATIONS

**MEDIA:** Liquids or slurries hydrocarbons to water-based media (dielectric 1,7 - 100).

**VESSELS:** Most process or storage vessels up to rated probe temperature and pressure.

**CONDITIONS:** All level measurement and control applications including process conditions exhibiting visible vapours, foam, coating / build-up, surface agitation, turbulence and varying dielectric media or specific gravity.

### AGENCY APPROVALS

	Ex d	Ex ia	Ex n	Ex t	XP	IS	NI	Other
ATEX		•						
CSA					•	•	•	
FM					•	•	•	

Other approvals are available, consult factory for more details

