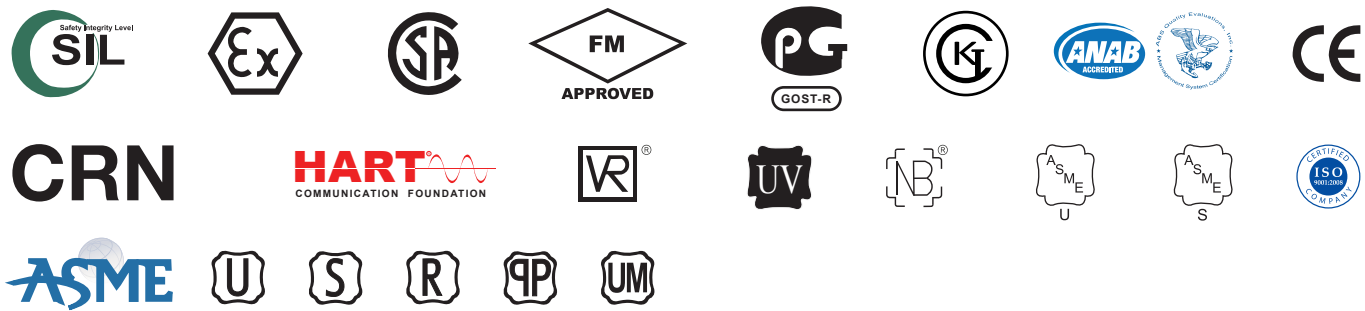


**Approvals**



**Certifications**



Other Certification: PED | ISO 9001 : 2008 | ISO 14001 : 2004 | OHSAS 18001 : 2007



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**BLISS AMERICAS**

THE **SPiRiT**  
 TO WALK AN EXTRA  
**MiLE**

**ACURAGE™**

Auto Calibrating Unique Radar  
 Gauge - Process Application  
 (U.S. Patent)



#18-051-ACURAGE



# why ACURAGE

made in the  
**USA**



The ACURAGE is a unique, level-measuring instrument combining Radar Transmitters and an inbuilt sight glass, made to solve difficult applications encountered by process engineers. It can be used to calibrate electronic gauges, such as Radar Transmitters, without going through complex procedures.

### Advantages:

- ▶ Spot Calibration of Radar Transmitter
- ▶ Real time True Level of Process Liquid
- ▶ Color of Process Liquid can be watched by Operator
- ▶ Interface Visibility (Transparent type only)
- ▶ True Redundancy
- ▶ Inevitable in critical level monitoring applications
- ▶ Flashing Application
- ▶ Foaming Application
- ▶ Cryogenic Application
- ▶ No Fear of Magnetic Ferrous Particles interfering with operation, unlike Magnetic Level Gauges
- ▶ Changes in specific gravity of process liquid do not pose a problem, unlike in Magnetic Level Gauges, showing errors in level
- ▶ Full Function in Power Failure Modes
- ▶ Steam Application (ASME sec-1) - Port Type
- ▶ Illuminator - LED Type / Conventional - Optional
- ▶ Radar Options
  - Contact Radar (Guided Wave)
  - Non Contact Radar
- ▶ Glass field replaceable by Isolating Gauge from process fluid
- ▶ Scale available with custom made units (linear, volume or percentage)
- ▶ No dip tube required: Open valves to Calibrate Radar in field

### Protocols

Bliss Anand America's ACURAGE uses various communication protocols, including HART®, PROFIBUS PA, and FOUNDATION™ fieldbus. The radar on the ACURAGE can be configured to detect level, interface or temperature and can transmit a 4-20 mA signal.



### Diagnostics

PACTware™ is a user interface for devices, systems and communication. We use PACTware™ to view the position of the level or interface, check or change configuration of parameters used and review data such as output percentage, quality, etc.



### Certifications

The radar transmitter mounted on the ACURAGE meets international standards and has both national and international approvals, including but not limited to: FM; CSA; ATEX; INMETRO and IECEx.



### Patented Level Solutions:

FEATURES	Radar + Bridle	MLG + Radar	ACURAGE™
Field calibration	✗	✗	✓
Real-time True Level	✗	?	✓
Color of liquid	✗	✗	✓
Interface visibility	✗	✗	✓
Field Servicable	✗	✗	✓
Ultra low SG (< 0.3)	✓	✗	✓
Change in SG does not affect true reading	?	✗	✓
Magnetic particle traps are not required	✓	✗	✓
Full function in power failure mode	✗	✓	✓

### Applications:

- Blowdown Tanks • Boiler Drums • Condensation Tanks
- Deaerators • Feedwater Heaters • Gas Chillers
- Industrial Boilers • Oil-Water Separators
- Propane Vessels • Storage Tanks • Surge Tanks