

# Foxboro Eckardt

## **LevelWave Application Sheet**

From: \_\_\_\_\_ Date: \_\_\_\_\_

End customer (Company/Person): \_\_\_\_\_

Final destination (City/Country): \_\_\_\_\_

Customer reference no.: \_\_\_\_\_

Amount of (same) devices: \_\_\_\_\_ pcs. TAG: \_\_\_\_\_

### **Application/Media:**

Application description: \_\_\_\_\_

Media: \_\_\_\_\_

Measurement type:  contact  non-contact  liquid  solid

Process temperature: min: \_\_\_\_\_ °F max: \_\_\_\_\_ °F typ.: \_\_\_\_\_ °F

Ambient temperature: min: \_\_\_\_\_ °F max: \_\_\_\_\_ °F  field mounted

Pressure: min: \_\_\_\_\_ psi max: \_\_\_\_\_ psi typ.: \_\_\_\_\_ psi

Dielectric constant: \_\_\_\_\_  changing dielectric (min: \_\_\_\_\_ / max: \_\_\_\_\_)

Coating/Build-up:  yes  no Turbulence/Agitator:  yes  no

Foam:  yes  no Dust/ Vapors:  yes  no

Application remarks: \_\_\_\_\_

### **Tank/Vessel:**

Material:  metallic  other: \_\_\_\_\_

Shape:  horizontal cylinder  vertical cylinder  other: \_\_\_\_\_

Height: \_\_\_\_\_ in Diameter: \_\_\_\_\_ in

Nozzle length: \_\_\_\_\_ in Nozzle width: \_\_\_\_\_ in

Distance nozzle to wall: \_\_\_\_\_ in Nozzle remarks: \_\_\_\_\_

Special mount:  bypass chamber (Ø \_\_\_\_\_ in)  stilling well (Ø \_\_\_\_\_ in)

Threaded:  G \_\_\_\_\_ in  \_\_\_\_\_ in NPT

Flange: Size: \_\_\_\_\_ Pressure Class: \_\_\_\_\_ Flange Face: \_\_\_\_\_

EN 1092-1  ASME B16.5  JIS B2220

Agitator:  yes  no Baffles:  yes  no Internal heating/cooling coils:  yes  no

Other internal obstacles:  if yes: \_\_\_\_\_ (if sketch available please add)

Tank/Vessel remarks: \_\_\_\_\_

### **Housing:**

Version:  compact  remote (remote cable length: \_\_\_\_\_ ft.)

Housing material:  Aluminum  Stainless Steel  mixed (Aluminum / Stainless Steel)

Weather protection:  with  without

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## Housing (cont.):

- Display:  yes (Language: \_\_\_\_\_)  side mounted  top mounted  no display
- Communication:  4 ... 20 mA HART  Profibus PA  Foundation Fieldbus
- Cable entry:  M20x1.5  1/2NPT (via adapter)
- Cable gland:  without  Plastic (only for M20x1.5)  Brass  Stainless Steel
- EEX classification:  EEx ia  EEx d  EEx ic  Non-Ex
- ATEX  cFMus (FM/CSA)  IECEx  NEPSI  INMETRO
- Certification:  SIL 2  CRN  NACE  other: \_\_\_\_\_
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## **Probe/Antenna:**

- Material:  Stainless Steel  Hastelloy C22  PTFE  PP (only LR01)
- Sealing material:  FKM/FPM  Kalrez® 6375  EPDM  PFA
- HT (high temperature)

- LR01:  Metallic Horn  DN80 (3in)  DN100 (4in)  DN150 (6in)  DN200 (8in)
- Wave Horn (PP/PTFE)  Metallic Wave Guide (length \_\_\_\_\_ in)

- Metallic Horn:  heating/cooling  purging ( liquid  gas)

- Antenna extension:  no  yes, \_\_\_\_\_ in  S-bend  L-bend

- LG01:  Single Rod  Double Rod  Single Cable  Double Cable  Coax

- Probe length: \_\_\_\_\_ in  segmented (only Rod/Coax)

- Cable end:  counterweight  chuck  crimped end  open end
- turnbuckle  threaded end

- Calibration:  multipoint calibration  std. accuracy
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## **Remarks/Drawings:**

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