

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

Housing (cont.):

Display: yes (Language: _____) side mounted top mounted no display
 Communication: 4 ... 20 mA HART Profibus PA Foundation Fieldbus
 Cable entry: M20x1.5 ½NPT (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: _____

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

Remarks/Drawings:
