VEGA

Application Data Sheet

Date: _____

Density

Company Name:	Customer Contact Name:
Customer Address:	Phone and Fax:
City, State, Zip:	Cell Phone:
Sales Person/Rep:	Email:
Representative Firm:	Tag Number:

Process Material

1. Description/Name: _____

☐ **Solution Application**

2. Density: _____ ○ SPG ○ kg/m³ ○ lb/ft³ ○ Brix ○ Baume ○ API
3. Measurement Range (4 … 20 mA calibrated range): 4 mA= _____ 20 mA= _____

☐ **Slurry Application**

4. ☐ % solids output or ☐ weight/volume output
5. Carrier Density: _____ ○ SPG ○ kg/m³ ○ lb/ft³
6. Solids Density: _____ ○ SPG ○ kg/m³ ○ lb/ft³
7. Measurement Range (4 … 20 mA calibrated range): 4 mA= _____ 20 mA= _____
8. Process Temperature: Max: _____ Operating: _____ ○ °C ○ °F
9. Process Pressure: Max: _____ Operating: _____ ○ bar ○ psig
10. Do either of the above parameters change during operation? ☐ Yes* ☐ No
    *If yes, what is the operating range?
    Temperature: _____ to _____ ○ °C ○ °F
    Pressure: _____ to _____ ○ bar ○ psig
11. Does process build up on vessel wall? ☐ Yes* ☐ No *If yes, how much? _____ ○ mm ○ inch

Measurement Description

12. Nominal Pipe Size: _____ or I.D.: _____ ○ mm ○ inch
13. Pipe Schedule: _____

Pipe Wall Dimensions ☐ mm ☐ inch				
	Material	Density	Units	Thickness
Pipe				
Insulation				
Liner				

VEGA

Density
(Continued)

Electronics

14. Area Classification: _____ (Class/Zone/Division) or ◯ General Purpose
15. Ambient Temperature Range: Min: _____ Max: _____ ◯ °C ◯ °F
16. Input Power: ☐ 24 VAC ☐ 110 VAC ☐ 230 VAC
17. Output: a: ☐ 4 … 20 mA/HART ☐ Foundation Fieldbus ☐ Profibus ☐ Relay
    b: ☐ Intrinsically Safe ☐ Explosion Proof ☐ General Purpose

Radiation Specification

18. Maximum Field Near Source Holder: _____ ◯ µSv ◯ mR at _____ ◯ mm ◯ inch
19. Will the detector be exposed to external X-ray radiation during operation? ☐ Yes ☐ No
20. Does the customer have a license to possess/use radioactive material? ☐ Yes ☐ No
21. Display: ☐ Remote ☐ Integral ☐ None

Special Applications

22. Do you want the process output referenced to a fixed reference temperature: ☐ Yes* ☐ No
    *If yes, Reference Temperature: _____ ◯ °C ◯ °F
    Process Temperature Coefficient: _____ ◯ °C ◯ °F
23. Do you want the process output to be mass-flow? ☐ Yes* ☐ No
    *If yes: Type: ☐ Dry Solids ☐ Total Mass
    Flowmeter Output: ☐ Current ☐ Frequency ☐ Voltage
    Flowmeter Calibrated Range: 0% signal _____ = _____ flow ◯ m^3/h ◯ l/min.
    100% signal _____ = _____ flow ◯ m^3/h ◯ l/min.
24. Rank the following by importance (1-4 Highest to Lowest):
    Best Density Resolution ____ Fast Response Time ____ Low Radiation ____ Low Price ____

Additional Information

64732-EN-131101