

Eagle Eye Power Solutions DM-Series Site Survey Form

Objective

The purpose of this form is to gather necessary information regarding the site and application for our DM-Series Inline Density Meters. This information is required before production of the order is started. Please fill out all information possible so we can ensure all of your needs are addressed. Filling out this form does not obligate you to purchase the device. It is used only to assist in recommending the appropriate model for your application.

****Please do not hesitate to contact Eagle Eye Power Solutions for support with filling out this form.**

Customer Information

Name:		Company Name:	
Work Number:		Mobile Number:	
Email:			

Site Information

Environment:	Tank or Pipeline Mounting: *(2)	Need Bypass Line:
☐ Industrial *(1)	☐ Tank	☐ Yes
☐ Sanitary	Tank Gap	☐ No
☐ Other	☐ Pipeline	
	Pipeline Size	

Solution Information

Description:		Density:	
Temperature: *(3)		Pressure:	
Flow Speed:			

Model Information/Features

Measuring Range: *(4)	Power Supply:	Communication Output:
☐ 0 – 1 g/cm ³	☐ 15 – 30 VDC	☐ 4 – 20 mA (HART Protocol)
☐ 0 – 2 g/cm ³	☐ Other	☐ None
☐ 0 – 3 g/cm ³		

Length Between Sensors: *(5)

- ☐ 200 mm (8 in)
- ☐ 500 mm (20 in)
- ☐ 1000 mm (39 in)
- ☐ Other

Installation: *(6)

- ☐ A-Style (Vertically Top-Mounted)
- ☐ B-Style (Vertically Side-Mounted)
- ☐ C-Style (Vertically Side-Flex-Mounted)

Flange Size: *(7)

- ☐ DN65 (7 in OD)
- ☐ DN80 (7.5 in OD)
- ☐ DN100 (9 in OD)
- ☐ Not Sure

Pictures Checklist

Please provide (attach) and check off the images listed below.

Please indicate direction of flow on at least one image or in a drawing.

- ☐ Tank/Pipe Setup (Front)
- ☐ Tank/Pipe Setup (Side)

Comments

Please provide any additional comments in the field below.

***Notes**

- (1) Industrial models not fit for use in food & beverage applications.
- (2) If installing to tank, please list (mm or in.) the distance between the mounting position (top of tank) and water level. If installing to pipeline, please list the pipeline size.
- (3) Sample temperature range based on model. Normal models range 0-100°C (32-212°F). Vertically Side- Flex-Mounted models range 0-150°C (32-302°F).
- (4) Accuracy varies depending on measuring range. Closer range (0-1 g/cm3) has higher accuracy at ±0.001 g/cm3. Medium range accuracy (0-2 g/cm3) is ±0.002-0.003 g/cm3. Large range accuracy (0-3 g/cm3) is ±0.002 – 0.005 g/ cm3. Temperature accuracy is not affected.
- (5) The spacing between sensors must be at least 200 mm (8 in) and the diameter 50 mm (2 in). If selecting the Vertically Side-Flex-Mounted meter, please measure the size of the flanges and the length of the pipes inserted into the liquid. Sensors must be fully submerged in solution. If needed, the distance between the main flange and first (top) sensor can be adjusted.
- (6) See the [DM-Series Inline Density Meters](#) for more details on various installation shapes.
- (7) Flange size spec based on ASME standard sizes.