



Analytically Correct Engineered Systems

Application Worksheet



A completed application worksheet is necessary to help select the appropriate system for your specific application.

Company: \_\_\_\_\_ Contact: \_\_\_\_\_

Project/RFQ#: \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Probe Selection \*See page 2 as needed for Dimensional Illustration & Probe Length Requirement assistance.

Table with 4 main columns: Type I\* (NPT for FNPT Connection), Type II\* (NPT Threaded for Full Bore Ball Valve Install), and Type II Flange\* (NPT Probe Threaded Into Adaptor Flange). Rows include Probe Model, Estimated Probe Length, Connection Size, Flange Size, Flange Rating, and Flange Face.

Regulator & Electrical Selection

Table with 5 main columns: Regulator Type, Regulator Outlet Pressure, Area Classification, Power Requirement, and Notes. Rows include Regulator Type (NONE, Probe Regulator, GHR, JTR-H), Regulator Outlet Pressure (0-25, 0-50, 0-100, 0-250, 0-500 psig), Area Classification (CSA, ATEX), and Power Requirement (24 VDC, 110-220 VAC).

Special Requirements Please note particulates present, intermittent flow, space constraints, materials of construction, etc. in the space provided below.

Table with 6 main columns: Seal Materials, Coating, and Additional Notes. Rows include Seal Materials (Default, Fluoroelastomer, Perfluoroelastomer, RGD resistant HNBR, Other), Coating (Dursan, None, Other), and Additional Notes.



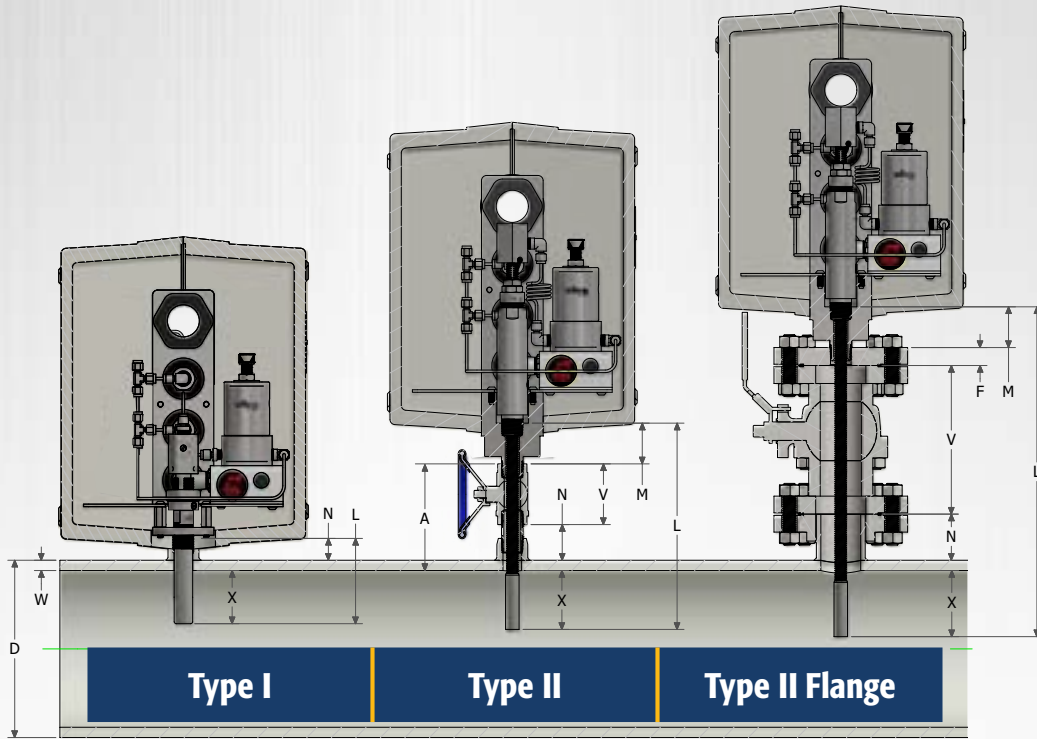


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Sample & Pipe Information					SUBMIT A SAMPLE COMPOSITION WITH COMPLETE WORKSHEET.		
Temperature	_____ °F/°C	Pressure	_____ psig/barg	Pipe Diameter	_____ inches/mm		
Presumed Sample Phase (Gas or 2-Phase, consult the factory)			Gas	Liquid	2-Phase		



**Probe Length Calculation Tool** \*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
<b>A</b>	Pipe Wall Thickness + Nozzle (Nipple) Length + Valve Length	_____ inches/mm
<b>M</b>	<b>Mounting Fitting:</b> Type I = <b>0</b> or Type II & II Flange = <b>2.5"</b> (63 mm)	_____ inches/mm**
<b>F</b>	Types I & II = <b>0</b> or Type II flange = <b>Flange Thickness</b>	_____ inches/mm
<b>X</b>	Insertion Depth (Probe Length minus A,M,F=X)	_____ inches/mm
<b>L</b>	Estimated Probe Length (Rounded Up)	_____ inches/mm

\*\*Mounting Fitting Note: If using > 48" probe/model 702, add 8.5"

Contact us if you need help filling out this application worksheet.



Analytically Correct™ sample systems, sample conditioning components, and revolutionary gas and liquid sampling technology.

Contact us for expert product application assistance.

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