GENIE® Membrane Probes™

Application Worksheet

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

Company: _____ **Contact:** _____

Project/RFQ#: _____ **Phone:** _____ **Email:** _____

Probe Selection

*See page 2 as needed for Dimensional Illustration & Probe Connection Requirement assistance.

FILL OUT COORDINATING INFORMATION IN COLUMN OF CONNECTION STYLE CHOSEN	☐ **Type I*** NPT for FNPT Connection		☐ **Type II*** NPT Threaded for Full Bore Ball Valve Install	☐ **Type II Flange*** NPT Probe Threaded into Adapter Flange
Probe Model	GP2 or GPR (thread-o-let)		701, 702, 750, 755 or 760 (customer supplied ball valve)	
Estimated Probe Length	☐ 4"	☐ 7"	_____ inches/mm	
Seal Materials	☐ Neoprene	☐ RGD resistant HBNR	☐ **Other:** _____	
Connection Size	☐ 3/4"NPT	☐ 1"NPT	_____ "NPT	
Flange Option	n/a		n/a	NPT Adapter
Flange Size	n/a		n/a	_____
Flange Rating	n/a		n/a	_____
Flange Face	n/a		n/a	_____

Probe Regulator Selection

FILL OUT SECTION BELOW IF - **YES**	☐ **Yes**, regulator needed		☐ **No**, regulator not needed		
Regulator Outlet Pressure	☐ 0-25 psig (0 - 1.7 barg)	☐ 0-50 psig (0 - 3.4 barg)	☐ 0-100 psig (0 - 6.9 barg)	☐ 0-250 psig (0 - 17.2 barg)	☐ 0-500 psig (0 - 34.5 barg)

Additional Notes	

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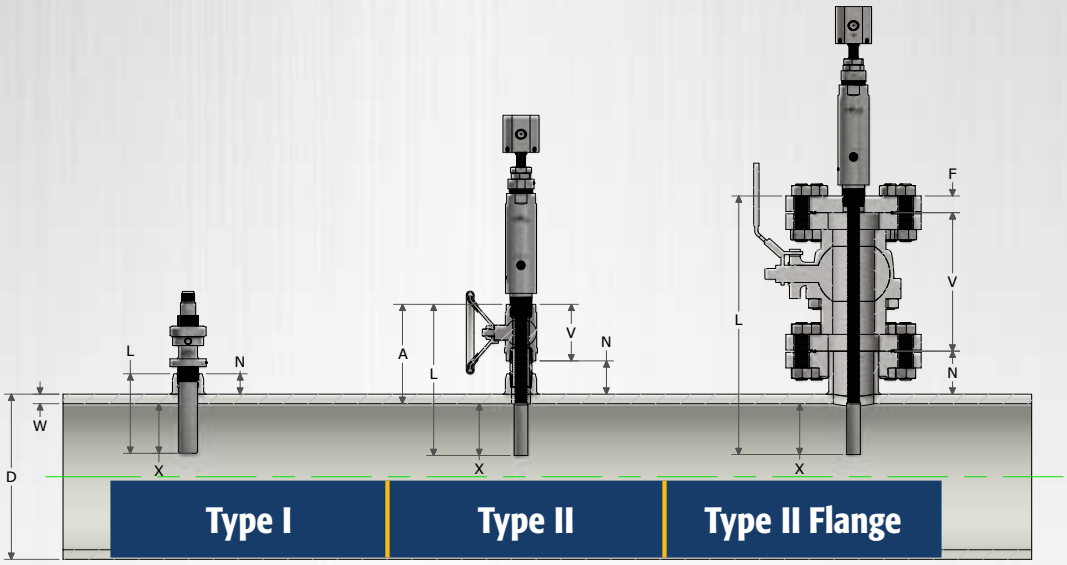
Sample & Pipe Information	SUBMIT A SAMPLE COMPOSITION WITH COMPLETE WORKSHEET.				
Temperature	_____ °F / °C	**Pressure**	_____ psig / barg	**Pipe Diameter**	_____ inches/mm
Presumed Sample Phase (Gas or 2-Phase, consult the factory)		☐ Gas	☐ Liquid	☐ 2-Phase	



Probe Length Calculation Tool

*Use guide above for Dimensional Illustration assistance.

Dimension*	Description	Value
A	Pipe Wall Thickness + Nozzle (Nipple) Length + Valve Length	_____ inches/mm
F	Types I & II= **0** or Type II Flange = **Flange Thickness**	_____ inches/mm
X	Insertion Depth (Probe Length – A and F = X)	_____ inches/mm
L	Estimated Probe Length (Rounded Up)	_____ inches/mm

Probe Diameter Requirements

Probe Type	Connection Size (NPT)	Probe Outer Diameter (OD)	Min. Piping Inner Diameter (ID)
701	1/2″	0.45″	0.5″
GPSD	3/4″	0.9″	0.91″
GP2 / GPR	3/4″ or 1″	0.9″	0.91″
702	3/4″	0.7″	0.75″
750 / 755 / 760	3/4″, 1″ or 1-1/2″	0.7″	0.75″

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

A+ Corporation

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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