

Data Sheet

2198 MicroTube™ and 2098 Mini-MicroTube™ Siphons

FEATURES

- For working pressure up to 5,000 psi (2198) and 3,000 psi (2098)
- For process temperature:
2198: up to 800 °F (427 °C)
2098: 600 °F (316 °C)
- Compatible with many process media
- For use with gauges, switches, transducers and diaphragm seals

TYPICAL USES

- Chemical and petrochemical
- Oil and gas
- Pulp and paper
- Power



2198
MicroTube™ Siphon

2098
Mini-MicroTube™ Siphon



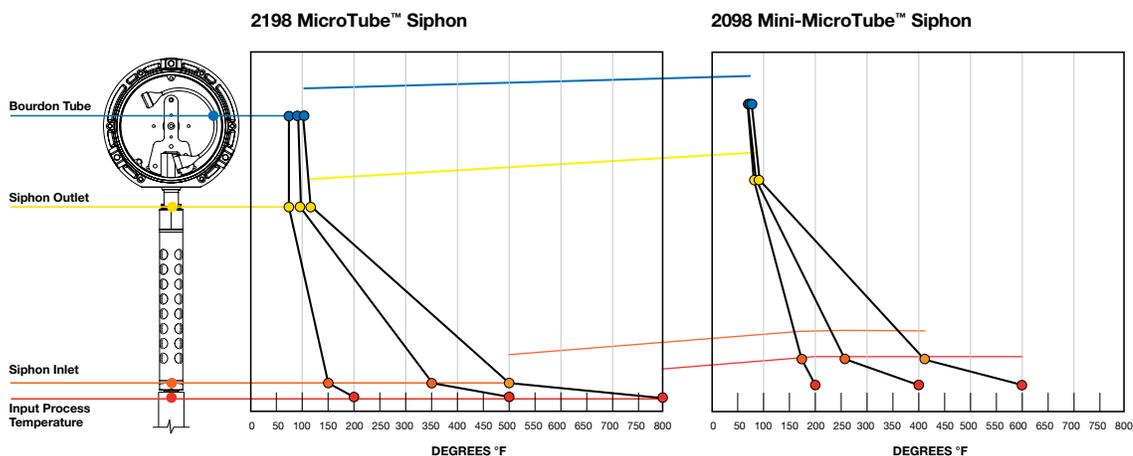
SPECIFICATIONS

Process Connection:	¼ NPT Male, ½ NPT Male G ¼ B Male, G ½ B Male
Instrument Connection:	¼ NPT Female, ½ NPT Female G ¼ B Female, G ½ B Female
Wetted Material:	316L Stainless steel
Max Allowable Working Pressure:	2198: 5,000 psi at 800 °F (427 °C) 2098: 3,000 psi at 600 °F (316 °C)

KEY BENEFITS

- Protects instrument from elevated temperatures
- Stem mount instrument to process
- For limited space installations (2098)

SIPHON HEAT DISSIPATION CHARTS



This graph represents the heat dissipation based on results of a specific laboratory test. These results may vary in the field based on multiple factors such as ambient temperature, type of process media and/or velocity. This data set is to be used as a reference point only. These test results are based on an ambient temperature of 68 °F.

Data Sheet

2198 MicroTube™ and 2098 Mini-MicroTube™ Siphons

ORDERING CODE	Example:	02	2198	SS	50	-XC3
Process Connection (must order corresponding instrument connection size)						
02 - ¼ NPT Male		02				
04 - ½ NPT Male						
13 - G ¼ B Male						
15 - G ½ B Male						
Series Code						
2198			2198			
2098						
Material						
SS - 316 stainless steel				SS		
Instrument Connection						
25 - ¼ NPT Female						
50 - ½ NPT Female					50	
27 - G ¼ B Female						
51 - G ½ B Female						
Options (if choosing an option(s) must include an "X")						
NH - Stainless steel wired tag						-X _ _
C3 - Material traceability report to EN 10204 3.1						C3
F3 - Instrument assembly: pressure gauge, diaphragm seal, 2198/2098 siphon						
K9 - Instrument assembly: pressure gauge, 2198 siphon, diaphragm seal						
5G - 2198/2098 siphon attached to instrument						

Data Sheet

2198 MicroTube™ and 2098 Mini-MicroTube™ Siphons

2198 SIPHON DIMENSIONS

MicroTube™ Siphon Variation	Pressure Connection		Instrument Connection		Cage Details		Overall Length
	A	B	C	D	E	F	G
¼ NPT Male/Female	1.00"	.875"	0.85"	.875"	.875"	5.8"	7.5"
½ NPT Male/Female	1.19"	1.06"	1.20"	1.06"	.875"	5.8"	8.0"
G ¼ NPT Male/Female	0.94"	.875"	0.70"	.875"	.875"	5.8"	7.2"
G ½ NPT Male/Female	1.26"	1.06"	1.00"	1.06"	.875"	5.8"	7.9"

2098 SIPHON DIMENSIONS

Mini-MicroTube™ Siphon Variation	Pressure Connection		Instrument Connection		Cage Details		Overall Length
	A	B	C	D	E	F	G
¼ NPT Male/Female	1.00"	0.875"	0.85"	0.875"	.875"	2.8"	4.7"
½ NPT Male/Female	1.19"	1.06"	1.20"	1.06"	.875"	2.8"	5.8"
G ¼ NPT Male/Female	0.94"	0.875"	0.70"	0.875"	.875"	2.8"	4.5"
G ½ NPT Male/Female	1.26"	1.06"	1.00"	1.06"	.875"	2.8"	5.1"

