

270F Flare Stack Probe - Configuration Options

Filter Chamber and Isolation Valve (Other materials available - Consult Factory)	
270F	Flare Gas Sample Probe
S	316 stainless steel sub-flange mount and single manual isolation valve w/ SilcoNert® 2000 coating
D	316 stainless steel sub-flange mount and dual manual isolation valves w/ SilcoNert® 2000 coating
P	316 stainless steel sub-flange mount and dual isolation valves, pneumatic primary and manual secondary w/ SilcoNert® 2000 coating
Mounting Flange Size (Other Sizes Available, Consult the Factory)	
F2	2" 150# Flange
F3	3" 150# Flange
F4	4" 150# Flange
F6	6" 150# Flange
Mounting Orientation	
00	Enclosure vertical (Use when mounted on vertical flare header or when mounting spool is at 3 or 9 o'clock on horizontal flare header.)
45	Enclosure 45 degrees from vertical (Use when mounting spool is at 45 degrees up from horizontal.)
90	Enclosure Horizontal (Use when mounting spool is centered on top of a horizontal flare header.)
Chamber Heat Control	
T	Heated filter chamber and isolation valve, temperature internally controlled.
Blowback Accumulator	
B	Unheated Blowback Accumulator
Blowback Valve	
4	24 VDC Actuator
1	115 VAC Actuator
2	230 VAC Actuator
A	Pneumatic Actuator
Calibration Injection	
F	Flood (Includes Filter Chamber)
4	Selectable - Sample or Closed Loop Calibration After Filter Chamber, 24VDC Actuator
1	Selectable - Sample or Closed Loop Calibration After Filter Chamber, 115VAC Actuator
2	Selectable - Sample or Closed Loop Calibration After Filter Chamber, 230VAC Actuator
A	Selectable - Sample or Closed Loop Calibration After Filter Chamber, Pneumatic Actuator
N	No Calibration Injection - Calibration injection is at analyzer
Enclosure	
S	Stainless Steel Enclosure - Uninsulated
I	Stainless Steel Enclosure - Insulated
Boot Size for Bundle	
3	3" Boot = 1.38" - 2.75" (35.05mm - 69.85mm) Diameter
4	4" Boot = 1.43" - 4.47" (36.32mm - 113.54mm) Diameter
Heated Enclosure	
N	No Heated Enclosure (Standard)
H	Heated to 194°F with local control (requires insulated enclosure)(not available with 230 VAC Power)
Power	
1	115 VAC Approved for Class I, Div. 2, Grp. B, C, D
1I	115 VAC Approved for Class I, Div. 2, Grp. B, C, D with internally powered cutoff switch
1E	115 VAC Approved for Class I, Div. 2, Grp. B, C, D with externally powered cutoff switch
2	230 VAC Approved for Class I, Div. 2, Grp. B, C, D
2I	230 VAC Approved for Class I, Div. 2, Grp. B, C, D with internally powered cutoff switch
2E	230 VAC Approved for Class I, Div. 2, Grp. B, C, D with externally powered cutoff switch

Additional Options Shown on Next Page

Filter	
C	2µm Ceramic
Temperature/Alarm	
C	Closed on Alarm
F	Failsafe (Standard)
R	Failsafe with RTD for Filter and Enclosure temperature monitoring
K	Failsafe with Type K T/C for Filter and Enclosure temperature monitoring
Probe Tube	
T16	Probe Tube 16"
T17	Probe Tube 17"
T18	Probe Tube 18"
T19	Probe Tube 19"
T20	Probe Tube 20"
T21	Probe Tube 21"
T22	Probe Tube 22"
T23	Probe Tube 23"
T24	Probe Tube 24"
T25	Probe Tube 25"
T26	Probe Tube 26"
T27	Probe Tube 27"
T28	Probe Tube 28"
TXX	Specify Tube Length <i>(for tubes shorter than 16" or longer than 28" consult factory)</i>
Probe Tube Support	
N	Triple O-Ring seal for probe tube. No Support.
S07	Retractable probe tube support, Specify Support Length 7"
S08	Retractable probe tube support, Specify Support Length 8"
S09	Retractable probe tube support, Specify Support Length 9"
S10	Retractable probe tube support, Specify Support Length 10"
S11	Retractable probe tube support, Specify Support Length 11"
S12	Retractable probe tube support, Specify Support Length 12"
S13	Retractable probe tube support, Specify Support Length 13"
S14	Retractable probe tube support, Specify Support Length 14"
S15	Retractable probe tube support, Specify Support Length 15"
S16	Retractable probe tube support, Specify Support Length 16"
S17	Retractable probe tube support, Specify Support Length 17"
S18	Retractable probe tube support, Specify Support Length 18"
S19	Retractable probe tube support, Specify Support Length 19"
S20	Retractable probe tube support, Specify Support Length 20"
SXX	Specify Support Length <i>(for support tubes shorter than 7" or longer than 20" consult factory)</i>
Process Tube Connection Size	
4	1/4"
6	3/8"
Liquid Stop	
N	None
L	Liquid Stop w/ Manual Drain <i>(Requires Heated Enclosure)</i>
Purge	
N	None
S	Safety Purge (Positive Pressure)

Drawing: P2016