



Sample gas probe GAS 222.15-MA

In many applications gas analysis is key for safe and efficient control of process flows, environmental protection, and quality assurance. In extractive gas analysis the location of the gas sampling point is crucial for the reproducibility and accuracy of the analysis results.

The specific filter capacity, corrosion resistance and functional equipment requirements for the probe arise from the composition of the sample gas.

However, operating costs are also an important criterion in the selection, as the sampling points are frequently located at hard to access points in the system.

The design of the GAS 222.15-MA is particularly suited for marine applications.

Heated probe with outlet filter and weather hood.

The outlet filter can easily be removed by turning the handle 90°.

The probe body and the area around the screw connection for the heated sample gas line are completely isolated

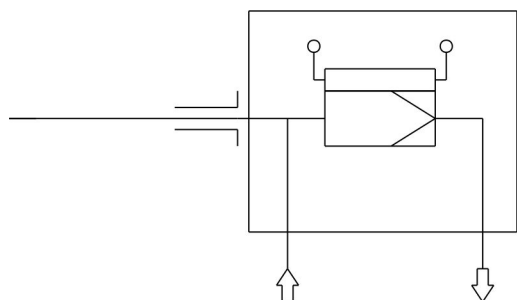
Self-regulating heater to approx. 356 °F with low temperature alarm.

For dust loads up to 2 g/m³

This probe is not suitable for use in Ex areas



Flow chart



Technical Data

Gas Probe

Type tested:	DNV GL rules for classification Ships, offshore units, and high speed and light craft Certificate no.: TAA00002FW
Probe gas inlet temperature:	max. 392 °F
Ambient temperature:	-4 to 140 °F
Self-regulating heater:	356 °F
Low temperature alarm:	Switching current max. 4 A (switch-back point < 284 °F)
Electrical data:	115 V/230 V, 50/60 Hz, 400 W
Weight:	18.7 lb
IP rating:	IP66
Max. operating pressure:	87 psia
Ambient categories as per DNVGL-CG-0339:	Temperature: D Humidity B Vibration B EMC B Housing: B (IP66)
Materials in contact with media:	1.4571, graphite/1.4404 and see filter

Ordering instructions

The item number is a code for the configuration of your unit. Please use the following model key:

4622215MA	X	9	9	0	3	X	X	0	0	0	Product characteristic					
											Flange					
	0										DIN DN65 PN6					
	1										ANSI 3"- 150 lbs					
											Voltage					
											3					115/230 V
											Calibration gas connection					
											0					without calibration gas connection
											1					6 mm
											2					6 mm with check valve
											3					1/4"
											4					1/4" with check valve
											Low temperature alarm					
											1					opening contact (open at operating temperature)
										2					closing contact (closed at operating temperature)	

Options

The base unit becomes functional by adding accessories suitable for the application. Please refer to accessory data sheet no. 461099 for information.

Please also refer to data sheet no. 461000 "GAS 222 Gas Probes" for a general description.

Dimensions

