

FRINGS AMERICA Inc. INFORMATION

Alkosens Metha

Online Analysis of Alcohol in Fermentation & Related Processes

HEINRICH FRINGS GmbH has developed a cost-efficient and serviceable system for online determination of alcohol concentrations between 0- 0.6 % in fermentation processes. This system is designed to optimize the methanol concentration of Pichia pastories fermentations.



Product features:

- Exact online determination of ethanol, methanol, butanol, isopropanol
- Visual display and control (relay) of alcohol concentration
- Measuring signal can be linked to 4 dry contacts (Acetomat II signal processor)
- Visual display and control (relay) of fermentation temperature
- Fast response time, high accuracy, high durability
- Can be connected with existing control equipment
- Probe available in standard sizes and custom applications

Specifications:

Alcohol control range:	0- 0.6%
Accuracy:	±0.01%
Analog output:	4-20 mA or 0-10 Vdc
Response time:	< 5 minutes (95% output)
Construction material:	316 Ti SS / silicone membrane
Size:	19 mm and 25 mm Ingold port
Length:	105 / 120 / 220 / 320 mm
Pressure rating:	2 bar
Operating temperature:	10-143° C
Carrier gas supply:	synthetic air – 20 ml/min (by customer)