

Fermentation Monitor QWX43

Measures continuously all parameters relevant for the fermentation process. For transparency in fermentation processes, for example in beer.



Ventajas:

- No on-site presence required
- Precise and repeatable measurements replace spindling and laboratory analysis
- Minute-by-minute update of the crucial process parameters, the results can be retrieved at any time and from anywhere
- Data-driven process improvements through comparison of values from past batches and automatic notifications
- Automatic creation, saving and downloading of batches and values
- Hygienic design enables tank-integrated cleaning

Más información y precios actuales:

www.ar.endress.com/QWX43

Ámbito de aplicación: The Fermentation Monitor QWX43 is installed directly in the tank. It measures density, temperature, and acoustic velocity and calculates all relevant fermentation parameters, such as degree of fermentation, residual extract, and alcohol content. The multi-sensor system provides precise and repeatable measurements in real time. Thanks to Endress+Hauser's Netilion app, users can track their fermentation processes via any internet enabled device.

[Click here to learn more.](#)

Características y especificaciones

Propiedades físicas del producto**Measuring principle**

Consistencia del producto / Medición de acumulación de suciedad

Método de medición

Continuous measurement of density, viscosity, ultrasonic velocity, temperature and all fermentation parameters

Aplicación

Easy and convenient inline fermentation monitoring with a cloud-connected multparameter device

Suministro de voltaje

24 V DC

10...30 V DC

Rango de medición

Measured values:

Viscosity: 0 to 1000 mPa s

Density: 0.3 to 2.0 g/cm³

Temperature: -5°C to 95°C (+23°F to +203°F)

Sound velocity: 800 to 2200 m/s

Calculated values:

Extract: up to 20° Plato

Alcohol: up to 15 % vol alcohol

Precisión

Measured errors:

Viscosity: 0.02 mPas

Density: 0.0001 g/cm³

Temperature: 0.08 °C

Sound velocity: 0.23 m/s

Temperatura ambiente

-20°C...+60°C (-4°F...+140°F)

Temperatura del proceso

-10°C...+110°C

(-14°F...+230°F)

Propiedades físicas del
producto

Presión de proceso

Vacuum...16 bar
(Vacuum...232,1 psi)

Salida / comunicación

WLAN Webserver integrated
Digital ENDRESS + HAUSER Cloud Services

Conexión

Tri-Clamp ISO2852, DIN11851
DRD, Varivent N

Certificación Ex

No Ex certificates

Certificados adicionales

EHEDG and 3-A conform constructed
EG1935/2004

Opciones

Tube extension
5 m cable
Plug connector M12

Más información www.ar.endress.com/QWX43