

Product Name :
Multivariable Control Vacuum Degassing

Product Code :
AR141



Description :

Multivariable Control Vacuum Degassing

Technical Specification :

Multivariable Control: Vacuum Degassing

Coupled level and pressure control in one vacuum tank

Water circuit with vacuum tank, collecting tank, pump and ambient air input device

Water jet pump to generate a negative pressure in the vacuum tank

Circuit with pump for operation of the water jet pump

Level control with pneumatic control valve as actuator

Pressure control with pneumatic control valve in the circuit for operation of the water jet pump

Level controller and pressure controller configurable and parameterisable with software

Optional process control software via Profibus DP interface including PC1 Computer-System with 21" TFT-Monitor Win 10 engl.

Technical Data:

Tanks

Vacuum tank: 19L

Collecting tank: 100L

2 centrifugal pumps

Flow rate: 50l/min

Head: 30m

Water jet pump: final vacuum: 0,3bar

Pressure and level controller parameterisable as

P, PI or PID controller
Switching controller
Measuring ranges
Pressure: -1...0,6bar
Level: 30...480mm
Flow rate: 1x 200...2500L/h, 1x 0...360L/h
230V, 50Hz, 1 phase

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