

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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