LENNTECH
WATER TREATMENT SOLUTIONS

Panel Meter RIA452



Benefits:

- 7-digit 14-segment LC display, large bar graph with overrange and underrange
- Digital status inputs for pump monitoring
- Flow measurement for open channels and weirs
- Intrinsically safe input with integrated loop power supply
- Min/Max value saved
- Linearization table with up to 32 support points

Specs at a glance

- **Input** 1 x analog (U, I, RTD, TC, R)
- **Output** 1 x analog (U, I) 1 x transmitter power supply
- **Display** LCD multicolour Illuminated Bargraph
- **Power Supply** 90...250 V AC 20...28 V AC 20...36 V DC

Field of application: The process measuring device monitors and displays the analog measured values. Pumps can be monitored using the digital status inputs. The RIA452 can supply connected two-wire sensors directly with power.

Features and specifications

Process indicator & control units

Measuring principle
Indicators with control unit

Measuring principle
Process indicator with pump control

Process indicator & control units

Function
Display
Power
Switch
Seperate
Convert
Count
Calculate

Display
LCD multicolour
Illuminated
Bargraph

Power Supply
90...250 V AC
20...28 V AC
20...36 V DC

Input
1 x analog (U, I, RTD, TC, R)

Output
1 x analog (U, I)
1 x transmitter power supply

Software functions
Pump control
Linearisation
Flow calculation
Batch counter

Certificates
FM AIS
CSA (Ex ia)

SIL
Not defined

Process indicator & control units

Panel mounting

panel mounting

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