

## Explosion protection

|         |   |
|---------|---|
| Marking | ATEX: II 2G Ex db IIB+H2 T6 Gb<br>IECEX: II 2G Ex db IIB+H2 T6 Gb<br>CSA/CUS Class I Div 1 Group B, C + D<br>CE <sup>0518</sup> |
|---------|---|

## Technical data

|                       |                                      |
|-----------------------|--------------------------------------|
| Technology            | electrometric method                 |
| Method                | correlates with:<br>ASTM D3230       |
| Measuring range       | 0 to 400 PTB (0 to 1000 mg/L)        |
| Repeatability         | 2 % of scale                         |
| Reproducibility       | ± 1 % of scale                       |
| Measuring cycle       | 5 min typical                        |
| Measuring temperature | programmable, typical 50 °C (122 °F) |

## Electrical data

|                           |                                    |
|---------------------------|------------------------------------|
| Nominal voltage           | 110 or 220 V AC, 1 phase; 50/60 Hz |
| Maximum power consumption | 600 W                              |
| – Protection class        | IP 65                              |
| – Ambient conditions      |                                    |
| Ambient temperature       | -20 to 40 °C (-4 to 104 °F)        |
| Ambient humidity          | up to 90 %                         |

|                      |                                |
|----------------------|--------------------------------|
| <b>Sample</b>        |                                |
| Quality              | filtered 100 µm, without water |
| Consumption          | 3.0 to 6.0 l/h                 |
| Pressure at inlet    | 3 to 10 bar (45 to 145 psi)    |
| Temperature at inlet | 10 to 60 °C (50 to 140 °F)     |

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| <b>Utilities</b>             |  |
| – Instrument air Consumption | less than 60 l/h   |
| Pressure at inlet            | 5 to 8 bar (70 to 116 psi)   |
| Quality                      | clean dry, instrument air  |
| – Coolant                    | Not required   |
| Solvent                      | Reagent Grade Xylenes,<br>Reagent Grade 1-Butanol<br>Reagent Grade Absolute Methyl Alcohol<br>Industrial Grade Naphtha |

|                                  |   |
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| <b>Signal outputs and inputs</b> |   |
| Analog outputs                   | 1 standard, 1 optional  |
| Digital outputs                  | 3 dry contacts programmable   |
| Digital inputs                   | up to 4 dry contact inputs, (customer alarm, remote standby, stream switch, validation request) |

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| <b>Electrical data of signal outputs and inputs</b> |   |
| Analog outputs                                      | up to 2 to 4-20 mA self powered and isolated, 1 is standard   |
| Analog inputs                                       | None required   |
| Digital outputs                                     | up to 3 dry contacts programmable, contacts SPDT rated at 250 VAC, 3A, alarm critical, come read, alarm warning |
| Digital inputs                                      | up to 4 dry contact inputs, (customer alarm, remote standby, stream switch, validation request)                 |

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| <b>User interfaces</b> |  |
| Display                | 7" color graphics                              |
| Keyboard               | 5 button magnetic, no hot work permit required |

|                    |           |
|--------------------|-----------|
| <b>Connections</b> |           |
| Sample inlet       | 1/4" FNPT |
| Sample outlet      | 1/4" FNPT |
| Vent/Drain         | 1/4" FNPT |

|                              |  |
|------------------------------|--|
| <b>Weight and dimensions</b> |  |
| Weight                       | 340 kg (750 lbs)                         |
| Dimensions (W x H x D)       | 940 x 1803 x 762 mm (37" x 71" x 30" in) |

|                            |  |
|----------------------------|--|
| <b>Optional interfaces</b> |  |
| Analog outputs             | optional, conductivity, cell temperature     |
| MODBUS interface           | TCP/IP or Serial/RTU MODBUS output available |