

Dear Customer,

Thank you for choosing Hanna Instruments.

Compact and convenient, **BL983319** process conductivity mini controller is a panel mount unit designed to measure the TDS of a process stream in the 0 to 1999 ppm range with the **HI7634-00** probe (sold separately). Please download the user manual and carefully read the instructions before use.

Package Contents

- Mounting brackets
- Transparent cover
- 12 VDC power adapter (**BL983319-0** only)
- Quick reference guide with instrument quality certificate

BL983319 Models

- **BL983319-0** — 12 VDC adapter
- **BL983319-1** — 115 or 230 VAC, 50/60 Hz
- **BL983319-2** — 115 or 230 VAC, 50/60 Hz with galvanic isolated 4-20 mA output and External Disabling input

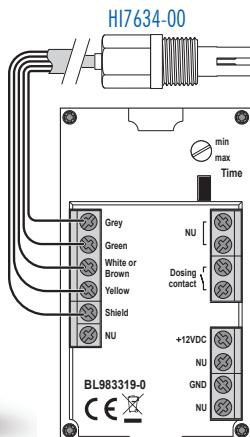
Application

Ideal for maintaining the salt concentration of the nutrient solution in agriculture Adequate for similar other process applications.

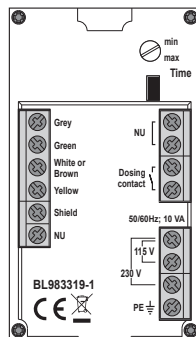
Main Features

- Option to select manual or automatic dosing mode
- Activated dosing relay (contact closed) when reading is below the set point
- Temperature compensated readings
- Programmable overdosing timer
- Dry contact dosing relay
- Large, clear LCD

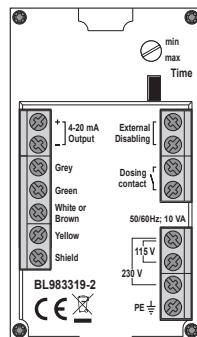
| HANNA Conductivity Mini Controller Series | | | | | Probes | |
|---|----------|--------------------------------------|------------------------------|-----------------------------------|------------|------------------------|
| | | Range | Resolution | Accuracy | TDS Factor | HI7632-00 HI7634-00 |
| EC | BL983313 | 0 — 1999 $\mu\text{S}/\text{cm}$ | 1 $\mu\text{S}/\text{cm}$ | $\pm 2\%$ F.S. (at 25 °C / 77 °F) | N/A | • |
| | BL983317 | 0.00 — 10.00 mS/cm | 0.01 mS/cm | | | • |
| | BL983320 | 0.0 — 199.9 $\mu\text{S}/\text{cm}$ | 0.1 $\mu\text{S}/\text{cm}$ | | | • |
| | BL983322 | 0.00 — 19.99 $\mu\text{S}/\text{cm}$ | 0.01 $\mu\text{S}/\text{cm}$ | | | • |
| | BL983327 | 0.00 — 10.00 mS/cm | 0.01 mS/cm | | | • |
| TDS | BL983315 | 0.0 — 199.9 ppm | 0.1 ppm | | 0.5 | • |
| | BL983318 | 0.00 — 10.00 ppt | 0.01 ppt | | 0.5 | • |
| | BL983319 | 0 — 1999 ppm | 1 ppm | | 0.65 | • |
| | BL983321 | 0.00 — 19.99 ppm | 0.01 ppm | | 0.5 | • |
| | BL983324 | 0.0 — 49.9 ppm | 0.1 ppm | | 0.5 | • |
| | BL983329 | 0 — 999 ppm | 1 ppm | | 0.5 | • |



BL983319-0



BL983319-1



BL983319-2



Hanna® is committed to developing and deploying digital solutions with a positive impact on the environment and climate.

Please scan the QR code or follow the link to download the user manual.

<https://manuals.hannainst.com/MANBL983313>



All Hanna instruments conform to the CE European Directives and our production facilities are ISO 9001 certified. **BL983319** is warranted for a period of two years against defects in workmanship and materials when used for its intended purpose and maintained according to instructions.

For technical information e-mail us at tech@hannainst.com.

Visit www.hannainst.com for more information about Hanna Instruments and our products.



Please retain for future use.

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