UNI-20 Universal Transmitter

Introduction



The UNI-20 transmitter is highly versatile, and the existing digital and analog sensors from the company can be freely connected. Measurable parameters include pH, DO, ORP, Conductivity, Turbidity, SS, Chlorophyll, Blue-green algae, Residual chlorine, UVCOD, Ionic ammonia nitrogen, Nitrate nitrogen, Transparency and other parameters. UNI-20 can also choose single channel or dual channel configuration according to requirements. One transmitter can connect up to two sensors, reducing transmitter cost and installation space.

Features

- High versatility, all digital sensor interfaces are common, and analog sensors can be configured with different modules according to different sensor types;
- Optional dual channel: select single channel or dual channel configuration according to requirements;
- Realize sensor plug and play, quick and convenient electrode installation and replacement;
- Easy use, reliable results, interface operation instructions can reduce operational errors;
- LCD screen visualization operation, rich and comprehensive interface;
- With 4~20mA, MODBUS RS485 multiple data output modes;
- Automatically prompt error and warning information, and upload alarm signals;
- The transmitter supports wall mounting/panel mounting/pinch installation;
- With time display, data storage;
- And historical data viewing function;
- Optional data wireless transmission module.

Technical Specifications

Display	160*160 LCD
Power supply	AC：85-500VAC;DC：9-36VDC
Output	3-way 4-20mA
Relay	Three-way relays, programmed parameter & value response.
Communication protocol	MODBUS　RS485，HART（optional）
Main material	PA66+GF25+FR(Cover)；Aluminum alloy powder（Lower casing）
Storage temperature	-20-70℃
Operation temperature	-15-60℃
Protective rate	IP66/ NEMA4X
Dimension	145*125*162mm(L*W*H)
Weight	1.35KG

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