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Jenco's 1/8 DIN advanced controllers and transmitters form the foundation of our inline product line. Economical, easy to use, and reliable, this complete line is ideal for system builders looking for flexible configurations and seamless integration into water quality control and monitoring systems.

Specifications

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Parameters	pH & ORP & Temp	pH & ORP & Temp	pH & ORP & Temp	pH & ORP & Temp	Cond & Resistivity & Temp
Range	-2.00 ~ 16.00 pH (pH) ±1999 mV (ORP) ±2999 mV (Rel.mV)	-2.00 ~ 16.00 pH (pH) ±1999 mV (ORP) ±2999 mV (Rel.mV)	-2.00 ~ 16.00 pH (pH) ±1999 mV (ORP) ±2999 mV (Rel.mV)	-2.00 ~ 16.00 pH (pH) ±1999 mV (ORP) ±2999 mV (Rel.mV)	0.000 µS/cm ~ 19.99 mS/cm (Cond) 0.000 ~ 19.99 MΩ (Resistivity)
Resolution	0.01 pH (pH) 1 mV (ORP)	0.01 pH (pH) 1 mV (ORP) 1 mV (Rel.mV)	0.01 pH (pH) 1 mV (ORP) 1 mV (Rel.mV)	0.01 pH (pH) 1 mV (ORP) 1 mV (Rel.mV)	0.001 µS/cm, 0.01 µS/cm, 0.1 µS/cm, 1 µS/cm, 0.01 mS/cm (Cond) 0.001 MΩ, 0.01 MΩ (Resistivity)
Accuracy	±0.1% F.S. ± 1 digit (pH) ±0.1% F.S. ± 1 digit (ORP) ±0.1% F.S. ± 1 digit (Rel.mV)	±0.1% F.S. ± 1 digit (pH) ±0.1% F.S. ± 1 digit (ORP) ±0.1% F.S. ± 1 digit (Rel.mV)	±0.1% F.S. ± 1 digit (pH) ±0.1% F.S. ± 1 digit (ORP) ±0.1% F.S. ± 1 digit (Rel.mV)	±0.1% F.S. ± 1 digit (pH) ±0.1% F.S. ± 1 digit (ORP) ±0.1% F.S. ± 1 digit (Rel.mV)	±0.5% F.S. ± 1 digit
Temp Range	-10.0 ~ 120.0 °C 0.1 °C	-10.0 ~ 120.0 °C 0.1 °C	-10.0 ~ 120.0 °C 0.1 °C	-10.0 ~ 120.0 °C 0.1 °C	-10.0 ~ 120.0 °C
Temp Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C
Temp Accuracy	±0.3 °C	±0.3 °C	±0.3 °C	±0.3 °C	±0.3 °C
Calibration	2 points (pH) / 1 point (ORP)	2 points (pH) / 1 point (ORP)	2 points (pH) / 1 point (ORP)	2 points (pH) / 1 point (ORP)	1 point
pH Buffer Recognition	USA , NIST	USA , NIST	USA , NIST	USA , NIST	NA
ATC	Auto and manual	Auto and manual	Auto and manual	Auto and manual	Auto and manual
Cell Constant	NA	NA	NA	NA	0.01, 0.10, 1.00 (2 Wire)
Input Impedance	1 X 10 ¹² Ω	1 X 10 ¹² Ω	1 X 10 ¹² Ω	1 X 10 ¹² Ω	NA
Reference Temperature	NA	NA	NA	NA	25 °C
Temperature Coefficient	NA	NA	NA	NA	2.00 or 0.00%, user selectable.
Pressure Compensation	NA	NA	NA	NA	NA
Salinity Compensation	NA	NA	NA	NA	NA
Temperature Sensor	10 KΩ or PT1000	10 KΩ or PT1000	10 KΩ or PT1000	10 KΩ or PT1000	10 KΩ or PT1000
Screen	Segment LCD backlight	Segment LCD backlight	Segment LCD backlight	Segment LCD backlight	Segment LCD backlight
Control	2 Relay	NA	NA	2 Relay	2 Relay
Relay Output(Resistive load only)	5 A at 115 VAC or 2.5 A at 220 VAC	NA	NA	5 A at 115 VAC or 2.5 A at 220 VAC	5 A at 115 VAC or 2.5 A at 220 VAC
Analog Output	NA	4 ~ 20 mA (isolated)	NA	4 ~ 20 mA (isolated)	NA
Current Output Max Load	NA	500 Ω	NA	500 Ω	NA
Digital Output	NA	NA	RS-485 Modbus	NA	NA
Power Supply	100 ~ 240 VAC , 50/60Hz	100 ~ 240 VAC , 50/60Hz	100 ~ 240 VAC , 50/60Hz	100 ~ 240 VAC , 50/60Hz	100 ~ 240 VAC , 50/60Hz
Waterproof	IP65	IP65	IP65	IP65	IP65
Dimensions	1/8 DIN case, depth 90 mm	1/8 DIN case, depth 90 mm	1/8 DIN case, depth 90 mm	1/8 DIN case, depth 90 mm	1/8 DIN case, depth 90 mm