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**3621 / 3631**

**3651 / 3321 / 3331**

**3351 / 3921 / 3931 / 3951**

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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

Page.62



3331



3351



3921



3931



3951



Parameters	Cond & Resistivity & Temp	Cond & Resistivity & Temp	DO & DO% saturation & Temp	DO & DO% saturation & Temp	DO & DO% saturation & Temp
Range	0.000 $\mu\text{S/cm}$ ~ 19.99 $\text{mS/cm}$ ( Cond ) 0.000 ~ 19.99 $\text{M}\Omega$ ( Resistivity )	0.000 $\mu\text{S/cm}$ ~ 19.99 $\text{mS/cm}$ ( Cond ) 0.000 ~ 19.99 $\text{M}\Omega$ ( Resistivity )	0.00 ~ 40.00 $\text{mg/L}$ ( DO ) 0.0 ~ 400.0% ( Air saturation )	0.00 ~ 40.00 $\text{mg/L}$ ( DO ) 0.0 ~ 400.0% ( DO% saturation )	0.00 ~ 40.00 $\text{mg/L}$ ( DO ) 0.0 ~ 400.0% ( DO% saturation )
Resolution	0.001 $\mu\text{S/cm}$ , 0.01 $\mu\text{S/cm}$ , 0.1 $\mu\text{S/cm}$ , 1 $\mu\text{S/cm}$ , 0.01 $\text{mS/cm}$ ( Cond ) 0.001 $\text{M}\Omega$ , 0.01 $\text{M}\Omega$ ( Resistivity )	0.001 $\mu\text{S/cm}$ , 0.01 $\mu\text{S/cm}$ , 0.1 $\mu\text{S/cm}$ , 1 $\mu\text{S/cm}$ , 0.01 $\text{mS/cm}$ ( Cond ) 0.001 $\text{M}\Omega$ , 0.01 $\text{M}\Omega$ ( Resistivity )	0.01 $\text{mg/L}$ ( DO ) 0.1% ( Air saturation )	0.01 $\text{mg/L}$ ( DO ) 0.1% ( DO% saturation )	0.01 $\text{mg/L}$ ( DO ) 0.1% ( DO% saturation )
Accuracy	$\pm 0.5\%$ F.S. $\pm 1$ digit	$\pm 0.5\%$ F.S. $\pm 1$ digit	$\pm 0.2\%$ F.S.	$\pm 0.2\%$ F.S.	$\pm 0.2\%$ F.S.
Temp Range	-10.0 ~ 120.0 $^{\circ}\text{C}$	-10.0 ~ 120.0 $^{\circ}\text{C}$	-10.0 ~ 80.0 $^{\circ}\text{C}$	-10.0 ~ 80.0 $^{\circ}\text{C}$	-10.0 ~ 80.0 $^{\circ}\text{C}$
Temp Resolution	0.1 $^{\circ}\text{C}$	0.1 $^{\circ}\text{C}$	0.1 $^{\circ}\text{C}$	0.1 $^{\circ}\text{C}$	0.1 $^{\circ}\text{C}$
Temp Accuracy	$\pm 0.3$ $^{\circ}\text{C}$	$\pm 0.3$ $^{\circ}\text{C}$	$\pm 0.3$ $^{\circ}\text{C}$	$\pm 0.3$ $^{\circ}\text{C}$	$\pm 0.3$ $^{\circ}\text{C}$
Calibration	1 point	1 point	Up to 2 points	Up to 2 points	Up to 2 points
pH Buffer Recognition	NA	NA	NA	NA	NA
ATC	Auto and manual	Auto and manual	Auto and manual	Auto and manual	Auto and manual
Cell Constant	0.01, 0.10, 1.00 ( 2 Wire )	0.01, 0.10, 1.00 ( 2 Wire )	Polarographic	Polarographic	Polarographic
Input Impedance	NA	NA	NA	NA	NA
Reference Temperature	25 $^{\circ}\text{C}$	25 $^{\circ}\text{C}$	NA	NA	NA
Temperature Coefficient	2.00 or 0.00%, user selectable.	2.00 or 0.00%, user selectable.	NA	NA	NA
Pressure Compensation	NA	NA	600 ~ 4000 mbar	600 ~ 4000 mbar	600 ~ 4000 mbar
Salinity Compensation	NA	NA	0.0 ~ 49.9 ppt	0.0 ~ 49.9 ppt	0.0 ~ 49.9 ppt
Temperature Sensor	10 $\text{K}\Omega$	10 $\text{K}\Omega$	22 $\text{K}\Omega$	22 $\text{K}\Omega$	22 $\text{K}\Omega$
Screen	Segment LCD backlight	Segment LCD backlight	Segment LCD backlight	Segment LCD backlight	Segment LCD backlight
Control	NA	NA	2 Relay	2 Relay	NA
Relay Output(Resistive load only)	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	NA
Analog Output	4 ~ 20 mA ( isolated )	NA	NA	NA	NA
Current Output Max Load	500 $\Omega$	NA	NA	NA	NA
Digital Output	NA	RS-485 Modbus	NA	NA	RS-485 Modbus
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