

14. Turbidity System Order Matrix and Accessories

AquaClear™ Low Range Turbidity Measurement System – With Local Display

Model Number			
AQT	Drinking water turbidity measurement system. 0 to 200 NTU Range. Precalibrated sensor, temperature measurement, sample chamber with bubble trap, lamp, junction box, mounting plate and local display.		
	Display Configuration		
	1	Integral	
	2	Remote with 20 foot extension cable	
		AV38 Display Configuration	
		A	User Interface with 1 current output. 24 VDC power.
		B	User Interface with 2 current outputs, 2 relays. 24 VDC power.
		C	User Interface with 1 current output. 90 VAC to 240 VAC power.
		D	User Interface with 2 current outputs, 2 relays. 90 VAC to 240 VAC power.
		AV38 Host Communications Option	
		0	None
		4	Modbus RTU (24 VDC and RS485 terminal connections in AV38)
		5	DeviceNet (24 VDC and DeviceNet terminal connections in AV38)
		6	CANopen (24 VDC and DeviceNet terminal connections in AV38)
		7	Ethernet IP, Modbus/TCP, TCP/IP (PoE RJ45 Connector in AV38)

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AquaClear™ Low Range Turbidity Measurement System – No Local Display

Model Number			
AQT	Drinking water turbidity measurement system. 0 to 200 NTU Range. Precalibrated sensor, temperature measurement, sample chamber with bubble trap, lamp, junction box, mounting plate and a 20 foot network connection cable for interactive computer measurement, calibration, configuration and diagnostic.		
	Reserved Category		
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		DataStick Communications	
		4	Modbus RTU. 20-foot cable to network.
		5	DeviceNet. 20-foot cable to network.
		6	CANopen. 20-foot cable to network.
		7	Ethernet IP, Modbus TCP, TCP/IP. 20 ft cable to PoE Switch. RJ45 connection.

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Replacement Hardware	Description	Part Number
Replacement Lamp assembly	Bulb and cable assembly (Requires snap ring tool)	TDWLS00
	Exchange of old lamp assembly with new lamp assembly	TDWLS01
	Bulb preassembled into housing with cable	TDWLS02
Sample Chamber Lid	Sample chamber lid without lamp	TDWCC01
Turbidity Detector	Detector sensor head	DW21
Sample Chamber	Replacement sample chamber	TDWSC01
CalStick	For measurement verification	TDWCAL01
Junction box	For extension cables. Terminal strip included.	JBOX01
Extension Cable	DataStick Extension cable	DSECxx; xx=ft