

# Signet Systems Specification Matrix



	4150-X
<b>Type</b>	Turbidimeter
<b>Mounting Options</b>	Wall
<b>Display</b>	Backlit - LCD
<b>Output &amp; Types</b>	(1) 4-20 mA or (1) RS485
<b>Relays</b>	(2) Adjustable Dry-Contacts
<b>Units of Measure</b>	NTU or FNU
<b>Language</b>	English
<b>Range for Humidity</b>	0 - 95%
<b>Operating Temperature</b>	1 °C to 50 °C (34 °F to 122 °F)
<b>Standards and Approvals</b>	EPA 180.1, ETL, cETL, FCC, RoHS compliant China RoHS, CE, ISO 7027
<b>Power Requirements</b>	100 to 240 VAC 47 to 63 Hz, 80 VA, optional 24 volt DC



	2610
<b>Description</b>	Process Optical Dissolved Oxygen Sensor
<b>Wetted Materials</b>	ABS, Titanium FPM
<b>Operation Range</b>	0 to 20 ppm (mg/l), 0 to 200% Saturation Concentration
<b>Connector Style</b>	10 meter cable
<b>Output Specs</b>	Modbus, Current Loop 4 to 20 mA
<b>Operating Temperature (°C) (°F)</b>	0 °C to 50 °C 32 °F to 122 °F
<b>Standards and Approvals</b>	CE, FCC, RoHS compliant



	4630
<b>Description</b>	Chlorine Analyzer System
<b>Materials</b>	Panel - Black Acrylic, Flow Cell - Acrylic, Wiring Enclosure - Polycarbonate
<b>Flow Cell, Spacer Rings</b>	Acrylic
<b>Flow Regulator Housing</b>	Polycarbonate
<b>Strainer, E-clip, Regulator Spring, Float</b>	Stainless Steel
<b>Valves, Vent</b>	Polypropylene
<b>Flow Cell O-rings, Diaphragm</b>	EPDM, FKM
<b>Chlorine Electrode</b>	PVC, PVDF or PTFE, FPM
<b>pH Electrode</b>	PPS, Glass, UHMW PE, FPM
<b>Sealing Tape on Valves, Plug and Vent</b>	PTFE
<b>Plug</b>	Polyethylene
<b>Languages</b>	English
<b>Power Requirement</b>	100 to 240 VAC nominal 50 to 60 Hz, 0.17 A at 100 VAC or 12 to 24 VDC ±10% regulated, 250 mA max.
<b>Enclosure</b>	NEMA 4X (with output wire glands sealed)
<b>Standards and Approvals</b>	CE, China RoHS, UL, CUL, FCC



	2630	2724	2650	2750-7	8630
<b>Description</b>	Amperometric Chlorine Electrode	Flat pH Electrode	Amperometric Electronics	pH Electronics	Chlorine Transmitter
<b>Materials</b>	N/A	N/A	Valox® (PBT), Enclosure: NEMA 4X/IP65		PBT, Neoprene, PP, Silicone Rubber, Enclosure: NEMA 4X/ IP65
<b>Wetted Materials</b>	PVC, PDVF FPM gold/silver halide	Ryton® (PPS) Porous UHMW PE Glass, FPM	N/A		
<b>Operation Range</b>	0 to 2 ppm (mg/l) 0 to 5 ppm (mg/l) 0 to 20 ppm (mg/l) 5.0 to 8.5 pH	0 to 14 pH	±450 mV	0.0 to 14.0 pH	Free Cl: 0 to 20 ppm pH: 0 to 14 pH
<b>Connector Style</b>	DryLoc®				N/A
<b>Display</b>	N/A				LCD
<b>Output Specs</b>	Digital (S <sup>3</sup> L)				Current Loop (2) 4 to 20 mA
<b>Max. Relays</b>	N/A				2
<b>Languages</b>	N/A				English
<b>Operating Temperature (°C) (°F)</b>	0 °C to 45 °C 32 °F to 113 °F	-10 °C to 85 °C 14 °F to 185 °F	0 °C to 85 °C 32 °F to 185 °F		-10 °C to 70 °C 14 °F to 158 °F
<b>Standards and Approvals</b>	CE, FCC, RoHS compliant, China RoHS, Manufactured under ISO 9001 for Quality	Manufactured under ISO 9001 and ISO 14001 for Environmental Management and OHSAS 18001 for Occupational Health and Safety	CE, FCC, RoHS compliant, China RoHS, Manufactured under ISO 9001 and ISO 14001 for Environmental Management and OHSAS 18001 for Occupational Health and Safety		CE, FCC, UL, CUL, RoHS compliant, China RoHS, NEMA 4X/IP65 (front face only), Manufactured under ISO 9001 and ISO 14001 for Environmental Management and OHSAS 18001 for Occupational Health and Safety