



Rivo™ system catalogue

Flowcells, sensors and accessories

Municipal applications

- Drinking water
- Wastewater*
- Wastewater discharge
- Water reuse

Industrial applications

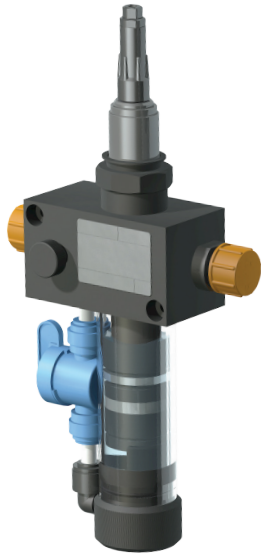
- Aquaculture
- Cooling towers
- Data centers
- Food and beverage
- Irrigation
- Process water

Aquatics applications

- Swimming pools
- Waterparks and splashpads
- Fountains
- Spas

The Rivo™ solution

Combine your flow cell measurement module with Xylem's Rivo™ system and sensors for a complete solution. The DEPOLOX®-R, DEPOLOX Pool-R and Varia Sens™-R flow cell modules all feature a plug-in sensor card configuration for the accurate measurement of sample water.



Flow cells

Xylem's flow and pressure controlled flow cells ensure the accurate measurement of process parameters and are a key component of the Rivo system. A wide range of options are available to meet specific application and water quality requirements.

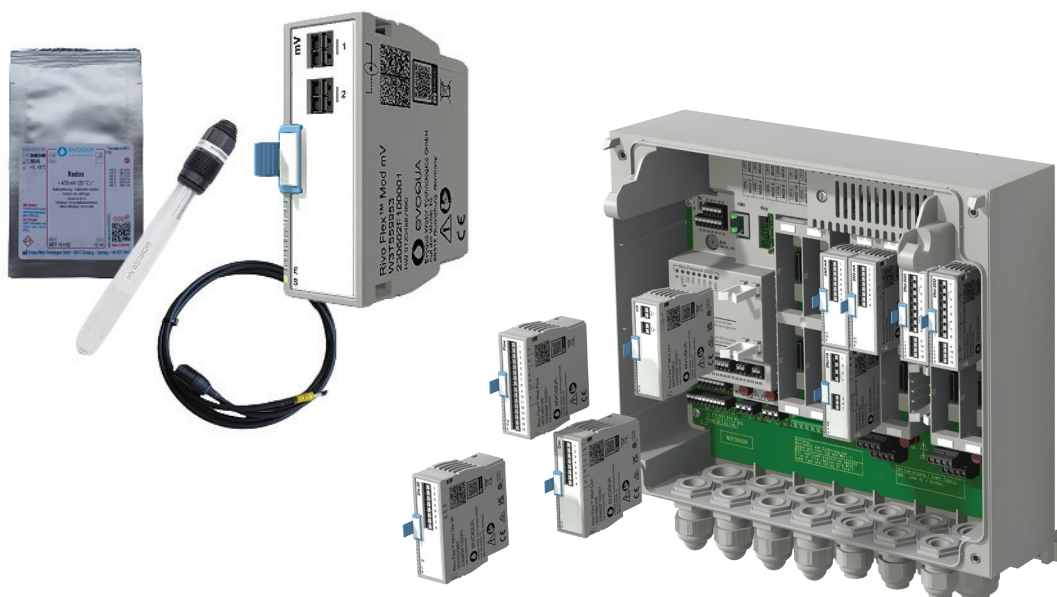
Page 4

Sensors

Xylem's authorized sensors offer long-term measurement stability by providing a constant flow and temperature measurement of the flow cell. Our Rivo Flex Kits combine sensors, add-on modules and cables into one package.

Page 10





Flex kits and accessories

A wide range of plug-and-play extension modules that easily slot into the integrated input and output ports, enabling fast and simple upgrades.

Page 16



Rivo systems

A complete portfolio of measurement technology to meet the water quality demands of your industry.



Flow cell measurement modules



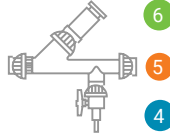
Designed for accurate measurement and high reproducibility

The Xylem range of flow cell measurement modules ensure the accurate measurement of process parameters and are a key component of the Rivo™ system. The measurement modules can be used for single or multiple point analysis and control and provide quick response time to meet fluctuating demands. Using residual measurement technology, the flow cell modules are suitable for simple measuring and monitoring tasks to complex control processes for the treatment of potable water, process water, and pool water.

Choose from

- DEPLOX® -R flow cell module
- DEPLOX Pool-R flow cell module
- Varia Sens™-R flow cell module
- Flow Sens-R flow through adapter
- Flow Mem-R flow cell adapter

Flow cell features

Flow module	Application	Slots (non-pressurized)	Slots (pressurized)	Features
DEPOLOX®-R flow cell module	Potable water Process water			• 3 electrode sensor for disinfectants included • Temperature measurement and flow detection • LED status indicator (option) • Minimal maintenance with hydrodynamic cell cleaning • Economic operation • Consistent sample water flow to the sensor
DEPOLOX Pool-R flow cell module	Pool water			• Replaceable 3 electrode chlorine glass sensor • Temperature measurement and flow detection • LED status indicator (option) • Minimal maintenance with hydrodynamic cell cleaning • Economic operation • Consistent sample water flow to the sensor
Varia Sens™-R flow cell module	Potable water Process water			• Temperature measurement and flow detection • LED status indicator (option) • Consistent sample water flow to the sensor • Specialized in the use of membrane sensors
Flow Sens-R flow through adapter	Potable water Process water			• In-line flow cell for single electrodes • LED status indicator (option) • Up to 6 bar (87 psi) • Select either pH, redox, fluoride or conductivity
Flow Mem-R flow cell adapter	Potable water Process water			• Flow cell for single membrane sensor • LED status indicator (option) • Low water consumption

1 3-electrode measuring cell: free chlorine, ClO₂, KMnO₄, O₃ (built-in)

3 FC2, TC3, CD10.1, OZ10.1 membrane sensors

4 Redox sensor, platinum- or gold version

6 pH sensor

2 Chlorine sensor (free chlorine), platinum- or gold version

3 To use a total chlorine Membrane Sensor in pressurized flow cells, the cell body cover needs to be replaced (W3T417351 cover for Depolox-R, W3T417269 cover for Depolox Pool-R)

5 Fluoride sensor or conductivity sensor

7 LED light stick (if applicable)

Flow cell measurement modules

Configuration options

Designation	Flow cell modules						Adapters	
	DEPOLOX®-R non-pressurized	DEPOLOX-R pressurized	DEPOLOX Pool-R non-pressurized	DEPOLOX Pool-R pressurized	VariaSens-R non-pressurized	VariaSens-R pressurized	Flow Sens-R pressurized	Flow Mem-R
Rivo™ I series aquatics	●	●	●	●	○	○	○	●
Rivo™ I series - municipal/industrial	●	●	○	○	●	●	●	●
3-electrode measuring cell for free chlorine, ClO ₂ , KMnO ₄ , O ₃ (built-in)	1*	1*	●	●	●	●	●	●
Multi-sensor (built-in) (temp./flow)	1*	1*	1*	1*	1*	1*	●	●
Flow control/regulation	●	●	●	●	●	●		
Single row 3 electrode glass probe (platinum- or gold version)	●	●	●	●	●	●	●	●
pH sensor	●	●	●	●	●	●	●	●
Redox sensor (platinum- or gold version)	●	●	●	●	●	●	●	●
Conductivity sensor	●	●	●	●	●	●	●	●
Fluoride sensor	●	●	●	●	●	●	●	●
Membrane sensor FC2 (free chlorine)	1x Membrane sensor	●	1x Membrane sensor	●	2x Membrane sensors	1x Membrane sensor	●	●
Membrane sensor TC3 (total chlorine)		●		●			●	●
Membrane sensor CD10.1 (ClO ₂)		●		●			●	●
Membrane sensor OZ10.1 (O ₃)		●		●			●	●

● Compatible ● Incompatible ○ Optional (Not Recommended) 1* Built-in

Technical data

DEPOLOX®-R flow cell module	Non-pressurized	Pressurized
Part number	W3T565860	W3T566011
Scope of application	Focus on potable, industrial and processing water	
Description	Built-in disinfection sensor plus free selectable additional sensors	
Measured variables	Selectable free chlorine, ClO_{2^-} , O_3 , Br_{2^-} , KMnO_4	
Measuring system	Potentiostatic three-electrode system	
Measuring range	0–50 mg/l (chlorine reference value)	
Sample water conductivity	≥ 100 S/cm	
Sample water temperatur	0–50°C (32–122°F)	
Sample water pH value	HOCl-curve for chlorine, working range pH 6.0–pH 8.5	
Response time	T90 < 20 sec.	
Sample water flow	Approx. 33 l/h (controlled), set at the factory	
Flow control range (admission pressure)	0.25–3.0 bar (3.6–43.5 psi)	
Differential pressure (inlet/outlet)	Min. 0.25 bar (min. 3.63 psi)	
Back-pressure	Free drain	1.5 bar
	The maximum allowable operating pressure using membrane sensors is 0.5 bar (7.25 psi)	
Flow rate monitoring	21 l/h ± 3 l/h	
Temperature sensor	Pt1000	
Hydraulic connections	Inlet: thread connection G 1/2" (adapter NPT-1/4") Outlet: connecting nipple for hoses, ID 6 mm	Inlet and outlet: thread connection G 1/2" (adapter NPT-1/4")
Electrode system	Platinum working electrode/counter electrode, PE diaphragm, KCl gel electrolyte, Ag/AgCl reference electrode	
Dimensions (W × H × D)	215 mm × 375 mm × 155 mm (8.46" × 14.76" × 6.1")	
Storage temperature	-10–50°C (14–122°F) without electrolyte	

DEPOLOX Pool-R flow cell module	Non-pressurized	Pressurized
Part number	W3T565858	W3T565859
Scope of application	Swimming pools	
Description	Replaceable chlorine glass electrode sensor plus free selectable additional sensors	
Sample water flow	Approx. 33 l/h (controlled)	
Flow control range (admission pressure)	0,25–3,0 bar (3.0–58.0 Psi)	
Back-pressure	Free drain	Max. 1.5 bar
	The maximum allowable operating pressure using membrane sensors is 0.5 bar (7.25 psi)	
Flow rate monitoring	21 l/h ± 3 l/h	
Temperature sensor	Pt 1000	
Hydraulic connections	Inlet: thread connection G 1/2" (adapter NPT-1/4") Outlet: connecting nipple for hoses, ID 6 mm	Inlet and outlet: thread connection G 1/2" (adapter NPT-1/4")
Dimensions (W × H × D)	215 mm × 375 mm × 155 mm (8.46" × 14.76" × 6.1")	

Flow cell measurement modules

Technical data

Varia Sens™-R flow cell module	Non-pressurized	Pressurized
Part number	W3T566012	W3T566013
Scope of application	Flexible usage in portable water quality	
Description	Focus on membrane sensor technology with lower pH dependencies	
Sample water flow	Approx. 33 l/h (controlled)	
Flow control range (admission pressure)	0.2–4.0 bar (3.0–58.0 psi)	
Back-pressure	Free drain	Max. 1.5 bar
	The maximum allowable operating pressure using membrane sensors is 0.5 bar (7.25 psi)	
Flow rate monitoring	21 l/h ± 3 l/h	
Temperature sensor	Pt 1000	
Hydraulic connections	Inlet: thread connection G 1/2" (adapter NPT-1/4") Outlet: connecting nipple for hoses, ID 6 mm	Inlet and outlet: thread connection G 1/2" (adapter NPT-1/4")
Dimensions (W x H x D)	215 mm × 375 mm × 155 mm (8.46" × 14.76" × 6.1")	

Flow Sens-R flow through adapter	Pressurized
Part number: pH/Redox	W3T159950
Part number: Fluoride	W3T167442 (1/2" NPT) W3T163663 (glued connection)
Part number: Conductivity	W3T158503
Scope of application	Flexible usage in portable water quality
Description	Flow cell for single electrodes
Sample water flow	Selectable
Sample water temperature	Max. 50°C (122°F)
Back-pressure	Up to 6 Bar (87 psi)
Hydraulic connections	G 1/2" NPT/glued

Flow Mem-R flow cell adapter	Non-pressurized
Part number	W3T170361
Scope of application	Flexible usage in portable water quality
Description	Flow cell for for single membrane sensor
Sample water flow	Approx. 10–15 l/h (can be set using the flow control valve) 0.2–4.0 bar (3.0–58.0 psi)
Sample water temperature	Max. 45°C (113°F)
Temperature sensor	Integrated in membrane sensor
Back-pressure	Gravity drain
Hydraulic connections	G 1/2" PVC hose 6 mm × 3 mm or PE hose 6 mm × 1 mm, incl. 1/4" NPT adapter
Dimensions	136 mm × 195 mm × 61 mm (5.35" × 7.7" × 2.4")
Weight	Approx. 0.5 kg

Sensors



Designed for industry-leading measurement

Xylem's range of highly accurate sensors are designed to monitor key parameters in a range of water applications. They provide reliable and constant measurement signals and can be easily integrated with the Rivo™ system, providing long term measurement stability.

Automatic sensor cleaning feature

DEPOLOX® sensors

As well as a leading measuring range, Xylem's DEPOLUX sensors are engineered and manufactured to deliver the highest levels of precision due to optimized sensor geometry. The highly efficient automatic self-cleaning process of the flow cell features a hydrodynamic grit, ensuring performance is maintained for long periods. All results are accurate and reproducible.

Plug-and-play functionality

The full range of Xylem sensors has been designed with operators in mind to offer industry-leading operational performance and simplicity of use. Plug-and-play technology allows the Rivo system to automatically recognize the Rivo flex module and provide the correct display information.

Built to last

With Xylem's engineering excellence behind the range, each sensor is designed and manufactured to last. The sensors provide long-term measurement stability due to the robust design and constant flow and temperature measurement of the flow cell. Each sensor is simple to clean and benefits from long maintenance intervals for maximum operational efficiency.



Sensors

	Standard Sensors		
Sensor Name	Chlorine sensor (platinum)	Chlorine sensor (gold)	Redox sensor (ORP) (platinum)
Measured Parameter	Cl ₂	Cl ₂	mV
Measurement Range	0–50 mg/l Cl ₂	0–50 mg/l Cl ₂	±2000 mV
Primary Application	Pool applications, sea (salt) water	Pool applications, sea (salt) water	Pool applications, potable, industrial and process water, sea (salt) water
Article Number	W3T160652	W3T160991	W3T169298
Information	With inline electrolysis systems please use the gold electrode	Used in combination with inline electrolysis systems	With inline electrolysis systems please use the gold electrode
Measuring Principle	Potentiostatic 3-electrode system	Potentiostatic 3-electrode system	Electrochemical
Operation Temperature °C/°F	-5 to 30°C/23 to 86°F	-5 to 80°C/23 to 176°F	-5 to 80°C/23 to 176°F
Storage Temperature °C/°F	-5 to 30°C/23 to 86°F	-5 to 30°C/23 to 86°F	-5 to 30°C/23 to 86°F
Operating Pressure	0–6 bar (6 × 10 ⁵ Pa)	0–6 bar (6 × 10 ⁵ Pa)	0–6 bar (6 × 10 ⁵ Pa)
Conductivity Min/Range	>100 µS/cm	>100 µS/cm	>100 µS/cm
pH Min/Range	pH 5.0–pH 8.5 (max)	pH 5.0–pH 8.5 (max)	
Response Time (T90)	< 20 sec.	< 20 sec.	< 2 min.
Protection class			
Dimension	165 mm (6.5")	165 mm (6.5")	120 mm (4.7")
Temperature Compensation	No (yes in system)	No (yes in system)	No
Calibration	2-point calibration	2-point calibration	1-point calibration
Cross-sensitivities/ interferences	All oxidations	All oxidations	
Connection	PG 13.5	PG 13.5	PG 13.5
Interface Signal	µA current	µA current	mV signal
Absence of Disinfectant Material	max. 24 h	max. 24 h	
Materials	Glass	Glass	Glass

Standard Sensors

			
Redox sensor (ORP) (Gold)	pH-sensor	Conductivity sensor	Fluoride sensor
mV	pH	σ [S/m]	ppm
±2000 mV	pH 0–12 (short-term until pH 14)	1 μ S/cm–2 S/cm	0.02–100 ppm
Pool applications, potable, industrial and process water, sea (salt) water	Pool applications, potable, industrial and process water, sea (salt) water	Pool applications, potable, industrial and process water, sea (salt) water	potable, industrial and process water, sea (salt) water
W3T172356	W3T169297	W3T172052	W2T840142
Used in combination with inline electrolysis systems			
Electrochemical	Electrochemical	4-electrode system	Electrochemical
-5 to 80°C/23 to 176°F	-5 to 80°C/23 to 176°F	-5 to 100°C/23 to 212°F	0 to 80°C/32 to 176°F
-5 to 30°C/23 to 86°F	-5 to 30°C/23 to 86°F	0 to 50°C/32 to 122°F	
0–6 bar (6×10^5 Pa)	0–6 bar (6×10^5 Pa)	0–10 bar (1×10^6 Pa)	
>100 μ S/cm	50 μ S/cm		
			pH 5.0–8.0
< 2 min.	< 20 sec.		> 10 ppm 30 sec or less
		IP67	
120 mm (4.7")	120 mm (4.7")	120 mm (4.7")	110 mm (4.3") $\varnothing$ 12mm
No	No (yes in system)	Yes	No
1-point calibration	2-point calibration	1-point calibration	2-point calibration
			Hydroxide ion, OH ⁻¹
PG 13.5	PG 13.5		PG 13.5
mV signal	mV signal	Voltage/current signal	mV signal
Glass	Glass	Graphite	Glass

Sensors

	DEPOLOX® sensor	Membrane sensors	
			
Sensor name	DEPOLOX Bare Electrode (build in)	Membrane Sensor FC2	Membrane Sensor TC3
Measured parameter	Cl ₂ or ClO ₂ , O ₃ , KMnO ₄ , Br ₂	Free chlorine (Cl ₂)	Total chlorine (Cl ₂)
Measurement range	0–50 mg/l	0.05–20.00 mg/l	0.05–20.00 mg/l
Primary application	Potable, industrial and process water, sea (salt) water	Pool applications, potable, industrial and process water, sea (salt) water	Pool applications, potable, industrial and process water, sea (salt) water
Article number	W3T162579	W3T365498	W3T570398
Information	Integrated in the DEPOLOX-R Flow Cell	Reduced dependence on pH Surfactants (tensides) are partially tolerated.	Reduced dependence on pH Surfactants (tensides) are partially tolerated.
Measuring principle	Potentiostatic three-electrode system, large surface	Membrane covered, amperometric potentiostatic 3-electrode system	Membrane covered, amperometric potentiostatic 2-electrode system
Operation temperature °C/°F	0 to 50°C/32 to 122°F	0 to 45°C/32 to 113°F No ice crystals	0 to 45°C/32 to 113°F No ice crystals
Storage temperature °C/°F	-10 to 50°C/14 to 122°F	5 to 40°C/41 to 104°F	5 to 40°C/41 to 104°F
Operating pressure	1.5 bar (22.5 psig) pressurized	0.5 bar (7.25 psig)	0.5 bar (7.25 psig)
Conductivity min./range	>= 100 µS/cm	10 µS/cm–0.50 mS/cm	10µS/cm – 200mS/cm
pH min./range	pH 5.0–pH 8.5	pH 4.0–pH 9.0	pH 4.0–pH 12.0
Response time (T90)	< 20 sec.	approx. 2 min.	approx. 3 min.
Protection class	IP67	EMC/RoHS compliant	EMC/RoHS compliant
Dimension		Diameter: 25 mm (1") Length: approx. 175 mm (6.9")	Diameter: 25 mm (1") Length: approx. 175 mm (6.9")
Temperature compensation	Yes	Yes	Yes
Calibration	2-Point Calibration	1-Point Calibration	1-Point Calibration
Cross-sensitivities/interferences	Cl ₂ or ClO ₂ , O ₃ , KMnO ₄	ClO ₂ : factor 0.75 O ₃ : factor 0.8	ClO ₂ : factor 1 O ₃ : factor 1.3
Connection	Cable	5-pole, M12	5-pole, M12
Interface signal	µA current	Analog µA signal, 10 µA/ppm	Analog µA signal, 10 µA/ppm
Absence of disinfectant material	max. 24 h	max. 24 h	max. 24 h
Materials	PMMA, PVC-U	Microporous hydrophilic membrane, PVC-U, PEEK, stainless steel 1.4571	Microporous hydrophilic membrane, PVC-U, PEEK, stainless steel 1.4571

Membrane sensors

			
Membrane Sensor CD10.1	Membrane Sensor OZ10.1	Membrane Sensor FCC1	NIR-Turbidity sensor
Chlorine dioxide (ClO ₂)	Ozone (O ₃)	Free chlorine (Cl ₂)/Stabilisator	Turbidity
0.05–20.00 mg/l	0.05–10.00 mg/l	0.05–20.00 mg/l	0...10 FNU / 0...10 NTU
Potable, industrial and process water, sea (salt) water	Pool applications, potable, industrial and process water, sea (salt) water	Pool applications, potable, industrial and process water, sea (salt) water	Pool applications Resolution: 0,01 FNU / 0.01 NTU Accuracy: ± 1%
W3T570400	W3T570451	W3T634704	W3T653033
highly resistant to surfactants (tensides)	highly resistant to surfactants (tensides)	Free chlorine based on isocyanuric acid with reduced dependence on ph-value	Flowtrough turbidity sensor in the upstream line of the Depolox Pool-R flow module
Membrane covered, amperometric potentiostatic 2-electrode system	Membrane covered, amperometric potentiostatic 3-electrode system	Membrane covered, amperometric potentiostatic 3-electrode system	LED with 850 nm (NIR)
0 to 50°C/32 to 112°F No ice crystals	0 to 45°C/32 to 113°F No ice crystals	0 to 45°C/32 to 113°F No ice crystals	1 to 50 °C / 33 to 122°F
5 to 40°C/41 to 104°F	5 to 40°C/41 to 104°F	5 to 40°C/41 to 104°F	-10 to 80 °C / 14 to 176°F
0.5 bar (7.25 psig)	0.5 bar (7.25 psig)	0.5 bar (7.25 psig)	6 bar (87 psig)
10 µS/cm–0.50 mS/cm	10 µS/cm–0.50 mS/cm		
pH 4.0–pH 12.0	pH 4.0–pH 9.0	pH 4.0–pH 12.0	
approx. 1 min.	approx. 8 min.	approx. 2 min.	
EMC/RoHS compliant	EMC/RoHS compliant	EMC/RoHS compliant	EMV/RoHS-compliant
Diameter: 25 mm (1") Length: approx. 175 mm (6.9")	Diameter: 25 mm (1") Length: approx. 175 mm (6.9")	Diameter: 25 mm (1") Length: approx. 180 mm (7.9")	H: 171 mm, W: 55 mm, D: 86 mm
Yes	Yes	Yes	No
1-Point Calibration	1-Point Calibration	1/2-Point Calibration	Factory calibration
ClO ₂ : factor 0,1 O ₃ : factor 25	Cl ₂ : factor 0,015 ClO ₂ : factor 0,06	ClO ₂ : factor 1 O ₃ : is measured	
5-pole, M12	5-pole, M12	5-pole, M12	Special cable
Analog µA signal, 10 µA/ppm	Analog µA signal, 10 µA/ppm	Analog µA signal, 10 µA/ppm	Analog 0/4, 20 µA/ppm Modbus RTU (RS485)
max. 24 h	max. 24 h	max. 24 h recommended, Information on request	
Microporous hydrophilic membrane, PVC-U, PEEK, stainless steel 1.4571	Microporous hydrophilic membrane, PVC-U, PEEK, stainless steel 1.4571	Microporous hydrophilic membrane, PVC-U, PEEK, stainless steel 1.4571	Housing: PE-HD, Sealing: EPDM. Optics: stainless steel 1.445, Sapphire glass

Rivo flex kits and accessories



Rivo flex kits combine sensors, add-on modules with and without cables into one package. Every kit corresponds with a single Evoqua part number, allowing you to create a simple purchase order that is easy to follow up. In addition, the flex kits offer a cost-effective solution, priced lower than the combined cost of individual components when ordered separately.

Rivo flex modules

Xylem offers a wide range of extension modules that can easily slot into the integrated input and output ports, enabling fast and simple upgrades. Plug-and-play technology allows the Rivo system to automatically recognize the module card.

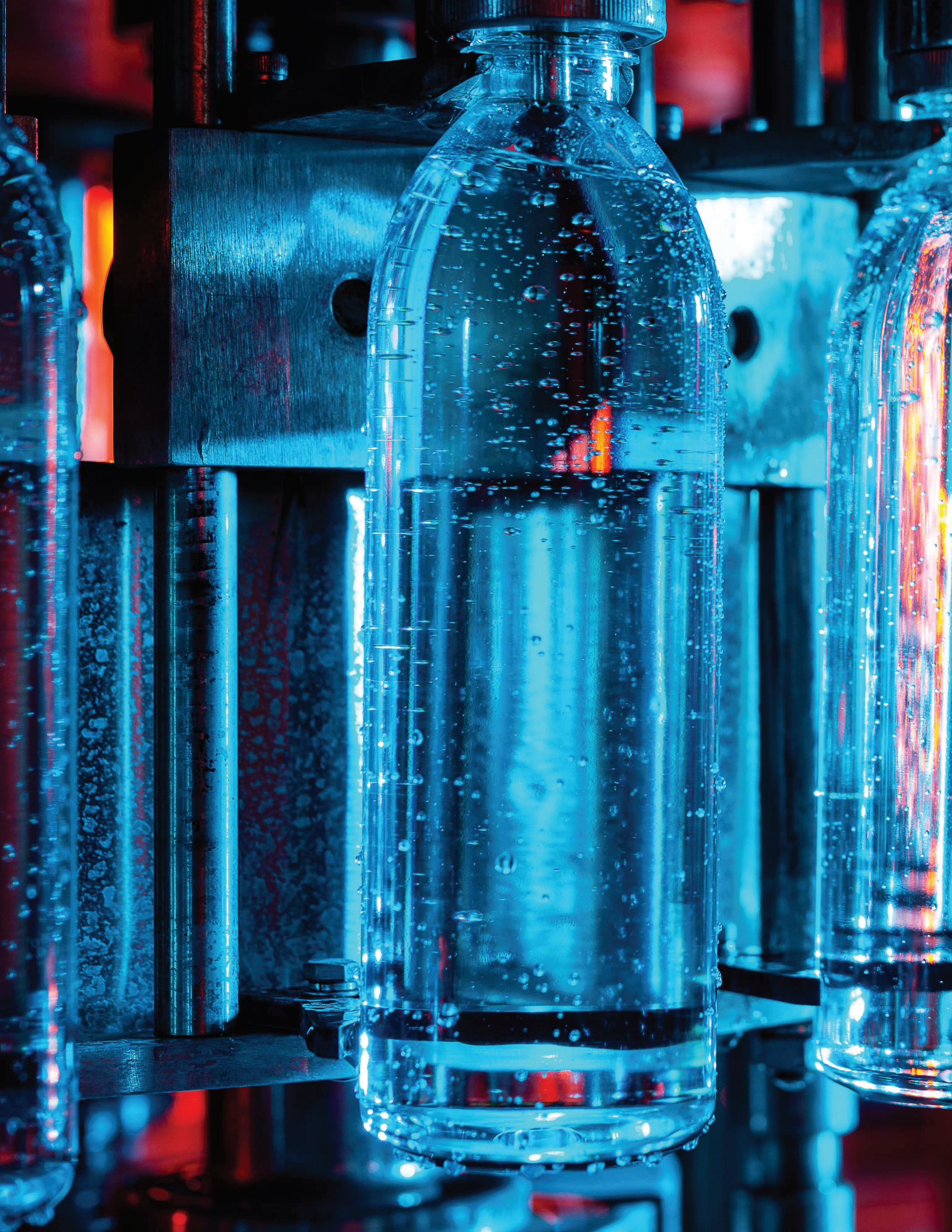
Why choose a Rivo flex kit?

- All accessories in one package
- Less administration
- Cost-saving benefits

Sensors

Xylem's range of highly accurate sensors are designed for monitoring key parameters in a range of water applications. When paired with the flow cell, these sensors offer a consistent flow alongside integrated temperature measurement.* Moreover, they seamlessly integrate with the Rivo system, ensuring long-term measurement stability.

*DEPOLOX® Flow Cells and VariaSens Flow Cells



Accessories: Rivo flex kits

Universal use (Membrane kits)			
			
Kit name	Rivo™ Flex Mem TC Kit	Rivo™ Flex Mem FC Kit	Rivo™ Flex Mem CD Kit
Kit contents	Rivo Flex Mod Dis (W3T557878) Membrane sensor TC3 (W3T570398) Cable/plug 2.0 m	Rivo Flex Mod Dis (W3T557878) Membrane sensor FC2 (W3T570399) Cable/plug 2.0 m	Rivo Flex Mod Dis (W3T557878) Membrane sensor CD10.1 (W3T570400) Cable/plug 2.0 m
Measured parameter	Total chlorine (Cl ₂)	Free chlorine (Cl ₂)	Chlorine dioxide (ClO ₂)
Sensor range	0.05–20.00 mg/l	0.05–20.00 mg/l	0.05–20.00 mg/l
Primary application	Pool applications, potable water, industrial and process water, sea (salt) water	Pool applications, potable water, industrial and process water, sea (salt) water	Potable water, industrial and process water, sea (salt) water
Article number	W3T585290	W3T585521	W3T585522

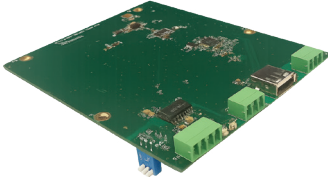
Universal use (Membrane kits)		
		
Kit name	Rivo™ Flex Mem OZ Kit	Rivo™ Flex Mem Isocyan Kit
Kit contents	Rivo™ Flex Mod Dis (W3T557878) Membrane sensor OZ10.1 (W3T570451) Cable/plug 2.0 m	Rivo™ Flex Mod Dis (W3T557878) Membrane sensor FCC1(W3T634704) Cable/plug 2.0 m
Measured parameter	Ozone (O ₃)	Free chlorine (Cl ₂) based on isocyanuric acid
Sensor range	0.02–10.00 mg/l	
Primary application	Pool applications, potable water, industrial and process water, sea (salt) water	Pool applications, potable water, industrial and process water, sea (salt) water
Article number	W3T585523	W3T641092

Universal use (Standard kits)			Municipal use (Standard kits)	
				
Rivo™ Flex Sens pH Kit	Rivo™ Flex Sens Redox Kit	Rivo™ Flex Sens Redox Au Kit	Rivo™ Flex Sens Fluorid Kit	Rivo™ Flex Sens Con Muni Kit
Rivo Flex Mod pH (W3T557902) pH-sensor (W3T169297) Cable/plug 1.5 m 2 × Buffer solution pH 7 2 × Buffer solution pH 4.65	Rivo Flex Mod mV (W3T557901) Redox/ORP sensor (W3T169298) Cable/plug 1.5 m 2 × Calibration solution	Rivo Flex Mod mV (W3T557901) Redox/ORP sensor (W3T172356) Cable/plug 1.5 m 2 × Calibration solution	Rivo Flex Mod Fluoride (W3T557903) Fluorid Sensor (W2T840142) Cable/plug 1.5 m Calibration Solution 0,2 mg/l Calibration Solution 2 mg/l Calibration Solution 100 mg/l	Rivo Flex Mod Con (W3T557907) Conductivity Sensor (W3T172052) Cable/plug 1.5 m Calibration Solution 600 µS/cm
pH	mV	mV	ppm	σ [S/m]
pH 0–12 (short-term until pH 14)	±2000 mV	±2000 mV	0.02–100 ppm	1 µS/cm–2 S/cm
Pool applications, potable water, industrial and process water, sea (salt) water	Pool applications, potable water, industrial and process water, sea (salt) water	Pool applications, potable water, industrial and process water, sea (salt) water	Potable water, industrial and process water, sea (salt) water	Potable water, industrial and process water, sea (salt) water
W3T585524	W3T585526	W3T585527	W3T585529	W3T585531

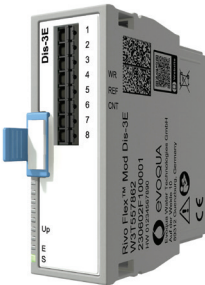
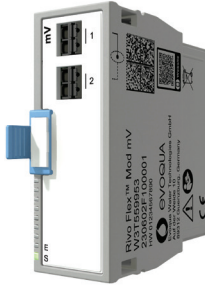
Aquatics use (Standard kits)			
			
Rivo™ Flex Sens Dis-3E Pt Kit	Rivo™ Flex Sens Dis-3E Au Kit	Rivo™ Flex Sens Con Aqua Kit	Rivo™ Flex Sens Glass pH and ORP Kit
Rivo Flex Mod Dis (W3T557878) Chlorine platinum sensor (W3T160652) Cable/plug 1.5 m Electrode cleaning sand	Rivo Flex Mod Dis (W3T557878) Chlorine gold sensor (W3T160991) Cable/plug 1.5 m Electrode cleaning sand	Rivo Flex Mod Con (W3T557907) Conductivity sensor (W3T172052) Cable/plug 1.5 m Calibration solution 60 mS/cm	Rivo™ Flex Mod mV-pH (W3T557904) W3T169297 pH-Sensor W3T169298 Redox Sensor (ORP) (platinum) 2 × Cable/plug 1.5 m 2 × Buffer solution pH 7 (12 ml) 2 × Buffer solution pH 4.65 (12 ml) Calibration solution ORP
Cl ₂	Cl ₂	σ [S/m]	mV/pH
0–50 mg/l Cl ₂	0–50 mg/l Cl ₂	1 µS/cm to 2 S/cm	0–1000 mV/0–14 pH
Pool applications, sea (salt) water	Pool applications, sea (salt) water	Pool applications, sea (salt) water	Pool applications, sea (salt) water
W3T586499	W3T586500	W3T585530	W3T

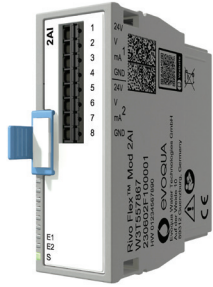
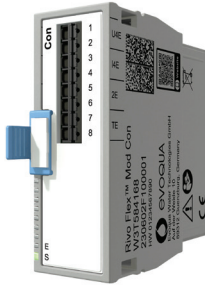
Accessories: Rivo flex kits

	Standard sensor with cable only (Rivo II and III)		
			
Kit name	Rivo™ Chlorine Sensor/Cable Kit (platinum)	Rivo™ Chlorine Sensor/Cable Kit (gold)	Rivo™ pH Sensor Kit
Kit contents	Chlorine platinum sensor (W3T160652) Cable/plug 1.5 m Electrode cleaning sand	Chlorine gold sensor (W3T160991) Cable/plug 1.5 m Electrode cleaning sand	pH-sensor (W3T169297) Cable/plug 1.5 m 2 × Buffer solution pH 7 2 × Buffer solution pH 4.65
Measured parameter	Cl ₂	Cl ₂	pH
Sensor range	0–50 mg/l Cl ₂	0–50 mg/l Cl ₂	pH 0–12 (short-term until pH 14)
Primary application	Pool applications, sea (salt) water	Pool applications, sea (salt) water	Pool applications, potable water, industrial and process water, sea (salt) water
Article number	W3T638771	W3T638772	W3T63873

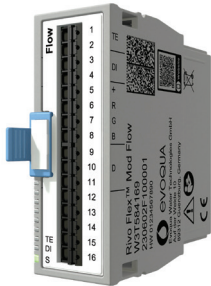
	Other Kits		
			
Kit name	Rivo™ Flex Flow Cell Kit with LED	Rivo™ DEPOLOX®/Varia Sens LED Kit	Rivo™ Com-Board 485
Kit contents	Rivo™ Flex Mod Flow (W3T557908) LED unit with cable (W3T277062)	LED unit with cable (W3T277062)	Extension board for RS 485 communication
Measured parameter			
Sensor range			
Primary application			
Article number	W3T586955	W3T391866	W3T605530

Accessories: Rivo flex modules

	Input modules		
			
Kit name	Rivo™ Flex Mod Dis	Rivo™ Flex Mod pH	Rivo™ Flex Mod mV
Description	Disinfection measurements module for DEPOLOX®-R or DEPOLOX POOL-R and membrane sensors	Module for pH sensor	Module for Redox (ORP) sensor
Input/output	Single input channel	Single input channel	Single input
Technical data	Input (µA) -10 to 1000 µA Output -1000 to +2000 mV	Input +/-900 mV	Input +/-1500 mV
Article number	W3T557878	W3T557902	W3T557901

	Input modules		
			
Kit name	Rivo™ Flex Mod Fluoride	Rivo™ Flex Mod 2AI	Rivo™ Flex Mod Con
Description	Module for Fluoride sensor	Module for universal mA signal sensors/ measurement signals	Module for conductivity sensor
Input/output	Single input	Dual input channel	Single input channel
Technical data	Input +/-200 mV	Input 0/4-20 mA (active/passive) Output 24V DC (25 mA)	Input 0/4-20 mA (active/passive) Temperature Output 5V, 24V
Article number	W3T557903	W3T557906	W3T557907

Input/output modules

**Rivo™ Flex Mod Flow**

Module for extra Depolox/Varia Sens flow cell

Input/output channel

Multi-sensor input
 • Sample water monitoring
 • Temperature
 RGB LED glow stick

W3T557908

**Rivo™ Flex Mod 2Rel-FB**

Module for controlling positioners with/without actuator feedback (e.g. V10K)

Input/output channel

Potentiometer 1K Ohm
 Potentiometer 5K Ohm
 0/4 to 20 mA aktiv
 0 to 1V 0 to 10V

W3T557915

**Rivo™ Flex Mod 2SRel**

Module with 2 × hybrid output normally open contact with integrated fuse

Dual output channel

105–250V AC, 50–60Hz
 Max. 3A, resistive, inductive and capacitive load

W3T557916

Output modules

**Rivo™ Flex Mod 2Rel-2DO**

Module with 2 × relay output (SPCO)

Dual output channel

2 × relay output SPCO
 Max. 250V AC/3A (resistive load)
 Max. 30V DC/3A (resistive load)
 2 × isolated Optocoupler output
 Ext. supply max. 24V DC/20 mA

W3T557914

**Rivo™ Flex Mod 2AO-mA**

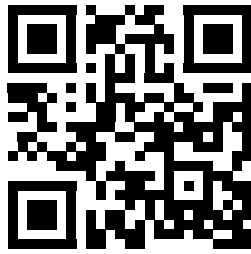
Module for mA signal output

Dual output channel

0–20 mA/4–20 mA selectable
 Max. load 500 Ohm

W3T557912

Wallace & Tiernan contacts worldwide



Scan for more information