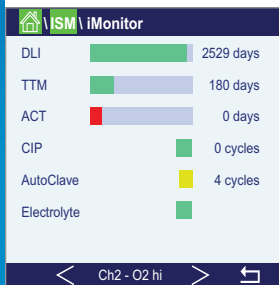


Powerful and Flexible Transmitter Touch the Future



Intelligent diagnostics utility

- Unique iMonitor™ function
- Intelligent diagnostics with traffic light indication of sensor status
- Predictive maintenance using ISM technology



Intuitive touchscreen control

- State-of-the-art user interface
- Large color display
- Simple and self-explaining operation

Channel	Value	Unit
Ch2_M1	4.405	μS/cm
Ch1_M1	0.155	μS/cm
Ch2_M3	9.21	pH Calc
Ch3_M1	9.19	pH
Ch4_M1	5296	ppbO2
Ch1_M2	22.6	°C
Ch2_M6		
Ch2_M6		

Information at a glance

- Simultaneous display of one to four measurement points
- Configurable display
- Setup of "Favorites" menu to directly access frequently used menus



Flexible configuration

- Multi-parameter transmitter
- Multi-channel device reduces the cost per measurement



M800 Water – Complete Control at Your Fingertips

The M800 multi-parameter transmitter provides simultaneous monitoring of one, two or four in-line sensors for measurement of conductivity, TOC, dissolved ozone, pH/ORP, optical DO, amperometric oxygen (DO as well as O₂ gas) and flow in water applications.

The EtherNet/IP™, Profinet™ and Profibus™ DP interfaces provide easy integration of sensor diagnostics tools into process control systems, reduce commissioning time and engineering support, and save integration efforts and costs. Digital communication within the loop, plus real-time measurements and sensor diagnostics, provides greater process reliability and lowers maintenance costs.

Intelligent Sensor Management (ISM®) features in the M800 include Plug and Measure for fast sensor installation and start up, predictive maintenance information and dynamic sensor lifetime status.

► www.mt.com/M800

Technical data for the M800 Water transmitter series

Designation	M800 2-channel	M800 4-channel	M800 Profibus DP 2-channel	M800 Profinet 2-channel	M800 EtherNet/IP 2-channel	M800 EtherNet/IP 4-channel
Measurement parameters						
Conductivity/Resistivity	•	•	•	•	•	•
TOC	•	•	•	•	•	•
Dissolved Ozone	•	•	•	•	•	•
pH/ORP	•	•	•	•	•	•
Optical Dissolved Oxygen*	•	•	•	•	•	•
Dissolved and Gaseous Oxygen	•	•	•	•	•	•
Flow	•	•	•	•	•	•
Approval	FM Cl1 Div2, UL	FM Cl1 Div2, UL	CE/UL	CE/UL	CE/UL	CE/UL
Current outputs (galvanically isolated)	8 × 0/4 to 20 mA	8 × 0/4 to 20 mA	8 × 0/4 to 20 mA	–	–	–
Digital inputs	5	6	5	–	–	–
ISM features	Plug and Measure, advanced diagnostics tools (DLI, ACT, TTM), iMonitor					
Power	AC (100–240 V) or DC (20–30 V)					
Enclosure	Polycarbonate, ½ DIN, IP66					
Relays	8	8	8	–	–	–
Multi-level password protection	Yes					
User interface	Color touchscreen, 5.7" TFT, 320 × 240 pixels, 256 colors					
Service interface	USB port					

* Limited to one optical DO sensor for 2-channel transmitter and 2 optical DO sensors for non-EIP/PN 4-channel transmitters

Ordering information

Designation	Order No.
M800 Water 2-channel	58000802
M800 Water 4-channel	58000804
M800 Profibus DP Water 2-channel	58000806
M800 Profinet 2-channel	30530026
M800 EtherNet/IP 2-channel	30530028
M800 EtherNet/IP 4-channel	30530029

► www.mt.com/M800

ISM and iMonitor are trademarks of the METTLER TOLEDO Group.
All other trademarks are the property of their respective owners.



METTLER TOLEDO Group
Process Analytics Division
Local contact: www.mt.com/pro-MOs

Subject to technical changes
© 12/2020 METTLER TOLEDO. All rights reserved.
PA2055EN Rev B 12/20

www.mt.com/pro

For more information