DIN Rail Transmitter

High performance, minimal space requirement



Low installation costs

M100 DR is an easy to commission 2-wire transmitter for installations where space is at a premium.







Predictive maintenance

Access to ISM predictive diagnostic tools available over HART leads to reduced maintenance and increased process uptime.



Simple Plug and Measure operation

With iSense™ software, sensors can be calibrated via a PC or mobile device, then connected to the M100 DR. Therefore, a user interface in the field is no longer necessary.



Versatile

Multi-parameter transmitter compatible with major asset management tools, including AMS, PDM or PACTware.

A compact and easy to commission Transmitter for DIN rail mounting

The M100 DR is a single-channel, multi-parameter transmitter compatible with ISM 1-wire sensors for measuring pH/ORP, pH/pNa, oxygen and conductivity.

Carrying the HART protocol the M100 DR is easy to configure and allows straightforward integration of Intelligent Sensor Management (ISM®) sensor diagnostics such as the Dynamic Lifetime Indicator (DLI), Adaptive Calibration Timer (ACT), and Time To Maintenance (TTM) into asset management platforms.

LEDs clearly indicate transmitter and sensor status, alarms, and warnings.

ISM's Plug and Measure feature minimizes the risk of installation troubles and simplifies sensor handling.



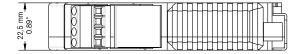
Key technical data for the M100 DIN Rail transmitter

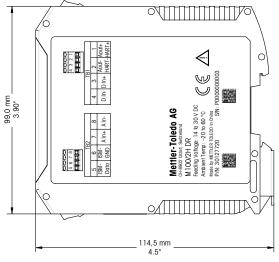
Supply voltage Analog output	14-30 VDC 1×4 to 20 mA (loop powered), adjugated	
Supply voltage Analog output Communication	14–30 VDC 1×4 to 20 mA (loop powered), galvanically isolated HART	
Supply voltage	14-30 VDC	
Suitable DIN rail systems	35 mm	
Enclosure	IP20	
ISM features	Plug and Measure, DLI, ACT, TTM	

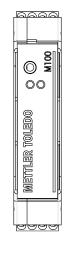
Ordering information

Designation	Order No.
M100 DIN Rail transmitter	30 127 720

www.mt.com/M100







Side Dimensions of the M100

ISM and iSense are trademarks of the METTLER TOLEDO Group. All other trademarks are the property of their respective holders.





Management System certified according to ISO 9001 / ISO 14001

METTLER TOLEDO Group

Process Analytics Local contact: www.mt.com/contacts

Subject to technical changes 06/2021 © METTLER TOLEDO All rights reserved. PA2025en A MarCom Urdorf, CH

www.mt.com/pro

For more information