

# M100 Head Mount Transmitter

## Head Mount Transmitter

### Small Footprint – Big Possibilities



#### Low installation costs

Rugged construction and compact design allow direct installation next to the process. M100 offers a versatile solution for both hazardous and non-hazardous area installations.



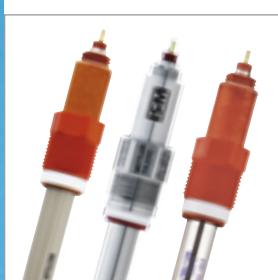
#### Predictive maintenance

Easiest handling and on-site or remote access over HART to advanced ISM predictive diagnostics tools leads to reduced maintenance costs and increased process uptime.



#### Simple Plug and Measure operation

With iSense, the key tool of ISM, sensors can be precalibrated via a PC or portable device then connected to the M100. Therefore, a user interface in the field is no longer necessary.



#### Versatility

- Multi-parameter transmitter
- Compatible with major asset management tools
- Small footprint for installation flexibility



**ISM**  
**HART** COMMUNICATION PROTOCOL



**IECEx**



#### The well-proven head mount transmitter concept for analytical parameters.

The M100 is the first transmitter for analytical measurements based on a compact, head mount design. With its approvals for hazardous area use the M100 head mount transmitter provides operating assurance even in challenging environments.

The M100 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 allows for easy transmitter configuration and integration of sensor diagnostics tools such as the DLI (Dynamic Lifetime Indicator), ACT (Adaptive Calibration Timer), and TTM (Time To Maintenance) into asset management platforms.

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

**METTLER** **TOLEDO**

