



## OTT MF Pro Velocity and Depth Sensor, Cable 12 m

**Product #:** 1040500595-2D

**USD Price:** Contact Hach

The OTT MF pro is a magnetic-inductive flow meter designed for SxS wading rod measurements in smaller rivers and open channels. The low-maintenance system consists of a compact light-weight sensor and a robust handheld unit that reliably operates even under rough environments. Both system components are designed to be attached to conventional wading rods.

### **Discharge automatically calculated**

The OTT MF pro computes discharge automatically based on USGS and ISO methods, saving time and eliminating potential for error caused by written transcription.

### **Real-time velocity**

Velocity is graphed in real-time on the meter's color display, allowing trends to be visualized quickly.

### **Maintenance-free**

The electromagnetic sensor head has no moving parts and is virtually maintenance-free.

### **Versatile applications**

The sensor's magnetic inductive measurement principle makes the OTT MF pro ideal for use in low-flow conditions and environments heavy in organic matter, unlike mechanical or acoustic meters.

### **User-friendly handheld**

A lightweight, water-resistant handheld features a full color display that is easily readable even in bright sunlight. Depth sensor: optionally included in the unit.

---

## Specifications

*Parameters Measured:	Velocity
	Depth
Accuracy:	Velocity: Range 0 - 10 ft/s: $\pm 2\%$ of reading $\pm 0.05$ ft/s
	Reading 10 - 16 ft/s: $\pm 4\%$ of reading
Accuracy 2:	Depth: The larger of $\pm 2\%$ of reading or $\pm 0.015$ m
Cable Length:	40 ft (12 m)
Depth Measurement Method:	Included
IP Rating:	IP68
Measuring Range:	Velocity: 0 - 20 ft/s (0 - 6 m/s)
	Depth: 0 - 10 ft (0 - 3.05 m)
Minimum water level:	1.25 in (3.18 cm)

Operating Temperature Range:	-4 - +131 °F (-20 - +55 °C)
Protection Class:	IP 67
Resolution:	Velocity:  0 ≤ value # 10: 3 decimal places  10 ≤ value # 100: 2 decimal places  100 ≤ value #1000: 1 decimal place  value ≥ 1000: 0 decimal places  Depth:  0 ≤ value # 10: 3 decimal places  10 ≤ value # 100: 2 decimal places  100 ≤ value #1000: 1 decimal place  value ≥ 1000: 0 decimal places
Standard storage temperature:	-4 - +140 °F (-20 - +60 °C)
Velocity Measurement Zero Stability:	±0.05 ft/s (±0.015 m/s)