

OTT MF Pro Velocity Sensor, Cable 12 m

Product #:	**1040500595-2N**
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
Accuracy:	Velocity: Range 0 - 10 ft/s: ± 2 % of reading ± 0.05 ft/s Reading 10 - 16 ft/s: ± 4 % of reading
Accuracy 2:	Depth: The larger of ±2 % of reading or ±0.015 m
Cable Length:	40 ft (12 m)
Depth Measurement Method:	Not Included
IP Rating:	IP68
Measuring Range:	Velocity: 0 - 20 ft/s (0 - 6 m/s)
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)