

HM 082

Speed sensor



Specification

- [1] speed measurement as accessory for the HM 150.19 and HM 150.20 water turbines
- [2] hand-held unit for non-contact measurement by optical sensor and reflective surface

Technical data

Digital display

- 5-digit
- LCD

Measuring ranges

- speed: 5...99999min⁻¹

LxWxH: 160x58x39mm

Weight: approx. 0,3kg

Scope of delivery

- 1 speed sensor
- 1 set of accessories
- 1 manual

Description

- **tachometer as optional accessory for HM 150.19 and HM 150.20 water turbines**
- **hand-held unit**

The tachometer is an optional accessory for speed measurement for the HM 150.19 Pelton turbine and the HM 150.20 Francis turbine.

The speed is measured contactlessly using the hand-held unit. A reflecting surface is attached to one of the moving parts of the turbine. A sensor in the measuring device optically detects the light/dark contrast and records the speed, which is displayed digitally.

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Optional accessories

HM 150.19 Operating principle of a Pelton turbine
HM 150.20 Operating principle of a Francis turbine