

## 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<sup>-1</sup>

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

070.15019	HM 150.19	Operating principle of a Pelton turbine
070.15020	HM 150.20	Operating principle of a Francis turbine