

This is a functional sample.

The EPI Mini can be customised (fluid connection, electric connection, external shape) on request for series orders. Please feel free to contact us on sales@digmesa.com.

Application

Medicinal cleaning and disinfectant liquids, food liquids like sirups, heating or motor oil

General Specifications

Fluidic connection: G1/8 thread
 Material Housing: PMMA
 Material Impeller: PEEK
 Material Bearing pin: Inox 1.4571
 Material O-Ring: FEPM A-5
 Magnet: Not in contact with the medium
 Mounting position: Horizontal position (when the cable is facing up)
 Dimensions: 48 x 36 x 20mm

Technical Data

Linear flow range: 0.05-2.5 l/min
 Viscosity range: 3-3'000 centipoise (cps)
 Accuracy: +/- 2% per medium
 Pressure drop: <0.6bar@max. flowrate of 2.5l/min (water)

Electric Connection

Power supply: 3.8- 24VDC
 Signal: NPN open Collector (max. 20mA)
 Signal load: max. 5mA
 Cable Pinout: Brown: +
 Green: GND
 White: Signal
 Pulse per litre: around 2500 Imp/l.

