

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.

