



**Měřidla průtoků a hladin**  
**Meters of liquids and levels**



ELA, spol. s r.o.  
Sokolova 32  
619 00 Brno

Tel.: +420 543 214 782 Tel.: +420 214 755  
Fax: +420 543 214 755  
ela@elabmo.cz www.elabmo.cz

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Adaptive system of ELA meters

## Ultrasonic level meter

type *Esonic*

for measuring of level

compact version with display



*Esonic 2, 6, 10, 20*

Communication – protocol HART  
Contact free ultrasonic level meter  
Flexible and clever assembling system  
Robust and resistant cover of sensor and transmitter

### Applications

Agriculture  
Water treatment  
Power, civil engineering  
Chemical, food, pharmaceutical industry

## Function description

continuous measurement of level, mass and dry material in open and reserved tanks  
indication via matrix OLED display  
advanced data processing  
range adjustment also without measurement medium  
rejection false echo  
display unit selection  
analog output, HART protocol  
use in hazardous area

## Technical data – details:

The customer assume personal responsibility for reasonable using of sensor and control unit.

### Compact level meter *Esonic*

Power supply	18 až 36 V DC
Output	4 až 20 mA, HART
Unit selection	mm, cm, l, m <sup>3</sup> , mA, %
Accuracy (of range)	0,15 %
Measuring sensitivity set up	3 values
Ambient temperature	-30 až +70°C (Esonic 2 a Esonic 6) -30 až +60°C (Esonic 10 a Esonic 20)
Protection of sensor	IP 67 / NEMA 5 as standard

### Types:

#### *Esonic 2*

Measuring range 0,15 - 2 m, resonator in plastic cover PVDF, aluminium unit housing, G1" connection.

#### *Esonic 6*

Measuring range 0,25 - 6 m, resonator in plastic cover PVDF, aluminium unit housing, G1 1/2 "connection.

#### *Esonic 10*

Measuring range 0,4 - 10 m, resonator in plastic cover PVDF, aluminium unit housing, polyethylene HDPE flange connection.

#### *Esonic 20*

Measuring range 0,5 - 20 m, resonator in plastic cover PVDF, aluminium unit housing, polyethylene HDPE flange connection.