FLOW METERS AND HEAT METERS



SMARTSONIC

New generation of multi-beam ultrasonic liquid flow meters

(Preliminary catalog sheet)



1 to 4 - beam flow meters of type SMARTSONIC dimensions DN32 to DN500



3 to 8 - beam flow meters of type SMARTSONIC dimensions DN100 to DN1200

TEL.: +420 377 517 711 FAX: +420 377 517 722 e-mail: sales@elis.cz http://www.elis.cz ID: 25210068 VAT: CZ25210068

FLOW METERS AND HEAT METERS



Application

Multi-beam ultrasonic flowmeters of the SMARTSONIC SC XXXX series are designed for precise measurement of instantaneous flow rate and volume of measured liquid with a low content of mechanical particles. The measurement principle allows measuring the specified flow rate and volume of electrically conductive and non-conductive liquids in a wide range of operating parameters (temperature, pressure, density, viscosity of the measured medium, flowmeter dimensions, etc.). With regard to the measurement principle, the flowmeters are characterized by long-term stability of measurement accuracy. Their technical properties and parameters are used in a wide range of applications, especially in the chemical and petrochemical industry, in the energy industry, water supply, heat and cold energy measurement and others. For optimal use of flowmeters for various applications, the evaluation electronics are designed modularly, according to the requirements of various applications with 1 to 8 ultrasonic beams.

Main technical parameters

%	
%	
5%	
5%	
nΑ	
compact, separate	
IP67	
CE, MID, OIML, ATEX, IECEx	
)	

ELIS PLZEŇ a.s. LUČNÍ 425/15 301 00 PLZEŇ CZECH REPUBLIC TEL.: +420 377 517 711 FAX: +420 377 517 722 e-mail: sales@elis.cz http://www.elis.cz ID: 25210068 VAT: CZ25210068