

BEMA Instruments

DOPPLER ULTRASONIC FLOWMETER



TECHNICAL DATA

CONVERTER

Mounting	: field / portable
Measurement range	: velocity 0,1÷12 m/s
Full scale	: programmable by keyboard
Keyboard	: 16 anti-dust keys
Visualization	: alphanumerical, on back-light LCD (2 rows x 8 characters)
Measurement inputs	: from ultrasonic probes
Analog output	: galvanically separated 4 ÷ 20 mA (max. load 750 ohm)
Totalizer visualization	: in programmable technical units
Flow visualization	: in programmable technical units
Accuracy	: ± 2%
Mechanical protection	: IP65
Ambient temperature	: -40 ÷ 55 °C
Humidity	: 4 ÷ 95 % non-condensing
Power supply	: standard 100 - 240 Vac (5 VA) (other on request)
Autonomy	: 40 hours (portable version)
Dimensions	: H261 x W193 x D80 mm / H150 x W358 x D250 mm (portable version)
Weight	: 4 kg / 7 kg (portable version)

ULTRASONIC PROBES

Applications : on liquids (at least 100 ppm TSS)
Mounting : outward of piping (clamp-on) / insertion / flanged
Piping diameters..... : DN 40 ÷ 4000 mm
Material..... : PTFE
Liquid temperature : -40 ÷ + 121 °C (+ 250 °C on request)
Cables length..... : field: 6 m. (std.) (other on request)
 portable: 8 m. (std.) (other on request)
Connections : with outgoing cable connected by manufacturer
Output..... : toward the converter
Power supply..... : from converter