

OPTISONIC 8300

Brand: Krohne



Short Description

Ultrasonic flowmeter for cryogenic or high-temperature gases and superheated steam
2-path meter with optional mass flow and enthalpy calculation Engineered for extreme
temperatures: from measurement of BOG and other gases down to -200°C / -328°F to
steam and boiler monitoring up to +593°C / +1100°F DN100...1000 / 4...40"; max. PN250
/ ASME Cl 2500 Large turndown ratio (60:1)

Description

Bi-directional flow measurement over a wide dynamic range Integrated flow computer
option: Mass flow and enthalpy calculation according to IAPWS-IF97 Current inputs for
external pressure and temperature sensors Suitable for energy balancing High accuracy:
DN150) Extensive online diagnostics and functions for proper meter operation and
verification Can be certified for custody transfer measurements (only in certain countries
applicable) Full mechanically safe design for cryogenic applications Full bore design: No
moving parts, no wear, no pressure loss No periodical maintenance or recalibration
needed Ex d certified stainless steel (316 L) connection box ATEX, IECEEx, QPS and
NEPSI approvals Hazardous area process temperatures up to +593°C / +1100°F Zone 0
approval for measurement of explosive gas mixtures