



QPS Evaluation Services Inc
Testing, Certification and Field Evaluation Body
Accredited in Canada, the USA, and Internationally

File
LR1338

CERTIFICATE OF COMPLIANCE
(ISO TYPE 3 CERTIFICATION SYSTEM)

Issued to	KROHNE Altometer
Address	Kerkeplaat 12 3313 LC Dordrecht The Netherlands
Project Number	LR1338-4
Product	Ultrasonic Flow Meters
Model Number	OPTISONIC 4400 C/...-DIV1 UFC 400 F/...-DIV1 OPTISONIC 4000 F/...-DIV1
Ratings	See second page
Applicable Standards	FM 3600-2011, FM3615-2006, FM 3616-2011, ANSI/UL 913-8th Ed. ANSI/NEMA 250-1991, CSA C22.2 no. 30-1986, CSA C22.2 no. 25- 1966, CAN/CSA C22.2 No 157-1992, ANSI/ISA 12.27.01, CSA/UL 61010-1 -3 rd ed.
Factory/Manufacturing Location	Same as above

Statement of Compliance: The product(s) identified in this Certificate and described in the Report covered under the above referenced project number have been investigated and found to be in compliance with the relevant requirements of the above referenced standard(s). As such, they are eligible to bear the QPS Certification Marks shown below, in accordance with the provisions of QPS's Service Agreement.



Issued By: Dave Adams

Signature:

Date: August 18, 2016



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OPTISONIC 4400 C/...-DIV1

Canada

Class I Division 1 Gr. CD T6...T3

Class II Division 1 Gr. EFG

Class III Division 1

Enclosure Type 4X and Type 6

Ta= -40°C to +60°C

Tp= -45°C to +180°C

Max Pressure= 77.5 MPa (775 bar)

Dual Seal

USA

Class I Division 1 Gr. ABCD T6...T3

Class II Division 1 Gr. EFG

Class III Division 1

Enclosure Type 4X and Type 6

Ta= -40°C to +65°C/+60°C (aluminum/stainless steel MH300 housing)

Tp= -45°C to +180°C

Max Pressure= 77.5 MPa (775 bar)

Dual Seal (optional)

Ratings:

100-230Vac, 22VA, 50/60Hz

24Vac/dc, 22VA/12W, 50/60Hz

12-24Vdc, 12W

Note: install per control drawing 8.30791.42

UFC 400 F/...-DIV1

Canada

Class I Division 1 Gr. CD T6...T3

Class II Division 1 Gr. EFG

Class III Division 1

Enclosure Type 4X and Type 6

Ta= -40°C to +60°C

Dual Seal

USA

Class I Division 1 Gr. ABCD T6...T3

Class II Division 1 Gr. EFG

Class III Division 1

Enclosure Type 4X and Type 6



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Ta= -40°C +65°C/+60°C (aluminum/stainless steel MH300 housing)
Dual Seal (optional)

Ratings:

100-230Vac, 22VA, 50/60Hz
24Vac/dc, 22VA/12W, 50/60Hz
12-24Vdc, 12W

Note: install per control drawing 8.30791.42

OPTISONIC 4000 F/...-DIV1

Canada/USA

Class I Division 1 Gr. ABCD T6...T3

Class II Division 1 Gr. EFG

Class III Division 1

Intrinsically Safe

Enclosure Type 4X and Type 6

Ta= -40°C to +70°C

Tp= -45°C to +180°C or -45°C to +440°C (HT Version)

Max Pressure= 77.5 MPa (775 bar)

Dual Seal (optional for USA)

Note: install per control drawing 8.30791.42