

Certificate of Compliance

Certificate: 2516979

Master Contract: 182892

Project: 2516979

Date Issued: May 14, 2012

Issued to: Yokogawa Europe B.V. (YPA)
Euroweg 2
Amersfoort, 3825 HD
THE NETHERLANDS
Attention: Mr. T. Both

The products listed below are eligible to bear the CSA Mark shown



Issued by: Eric Giusti
Eric Giusti

PRODUCTS

CLASS – 2258-04 PROCESS CONTROL EQUIPMENT – Intrinsically Safe, Entity – For Hazardous Locations
IS, Class I Div. 1, GP A,B,C,D T4...T6

Intrinsically safe pH SENCOM Sensors Model FU20F, FU24F, PH20F, SC24F and SC25F.

Ratings are as follows: $V_{max} (U_i) = 6.1 \text{ V}$; $I_{max} (I_i) = 230 \text{ mA}$; $P_{max} (P_i) = 1.2 \text{ W}$; $C_i = 30 \text{ } \mu\text{F}$; $L_i = 4 \text{ } \mu\text{H}$,
or for connection to the certified intrinsically safe Yokogawa transmitter Model FLXA21 series. Intrinsically safe
when connected as per Control Drawing reference FF1-K1224QU, FF1-K1224QV, FF1-K1226QU, FF1-
K1226QV or FF1-K1246QY.

Ambient temperature range: -40 °C to +60 °C for temperature class T6,
 -40 °C to +75 °C for temperature class T5,
 -40 °C to +110 °C for temperature class T4,
 -40 °C to +125 °C for temperature class T3.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 NO. 0-M91 (R2006)
C22.2 No. 142-M1987 (R2004)
CAN/CSA-C22.2 No. 157-92 (R2006)

General Requirements – Canadian Electrical Code, part II
Process Control Equipment
Intrinsically Safe and Non-Incendive Equipment for Use in

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Hazardous Locations

MARKINGS

Marking printed on adhesive label.

- CSA Monogram
- Company name or master contract number
- Model name / number
- Serial number
- Hazardous locations designation as applicable
- Method of protection as applicable
- CSA certificate number
- Reference to installation drawing
- Temperature code rating
- Maximum ambient



CSA INTERNATIONAL

Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
2516979	May 14, 2012	Original CSA certification of Intrinsically safe pH SENCOM Sensors Model FU20F, FU24F, PH20F, SC24F and SC25F.