



Member of the FM Global Group

FM Approvals
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CERTIFICATE OF COMPLIANCE

HAZARDOUS (CLASSIFIED) LOCATION ELECTRICAL EQUIPMENT

This certificate is issued for the following equipment:

TS121LPabcdefghijk. Oxygen Transmitter.

Transmitter: NI / I / 2 / ABCD / T4 Ta = -20°C to 60°C; – 9164238; IP66

Sensor: S / I / 1 / ABCD / T4 Ta = -20°C to 80°C; – 9164238; IP66

a = Installation type: A, B, C, F, G or H

b = Filter type: 1, 2 or 3

c = Analog output range for oxygen: A, B, C, D, E or X

d = Signal output: 1 or 2

e = Fault state current for analog output: A or B

f = Relay settings: 1, 2, 3 or 4

g = Cable bushing: A or B

h = In-line calibration option: 1 or 2

i = Operating manual language: B, D, F or I

j = Approval: 1

k = Wetted O-Rings: B(FFKM) or C(FKM)

Equipment Ratings:

Transmitter: Nonincendive for Class I, Division 2, Groups A, B, C and D, Ta = -20°C to +60°C.

Sensor: Suitable for Class I, Division 1, Groups A, B, C and D, Ta = -20°C to +80.

Enclosure rating: IP66.

To verify the availability of the Approved product, please refer to www.approvalguide.com

FM Approved for:

SICK AG
REUTE Germany

To verify the availability of the Approved product, please refer to www.approvalguide.com

This certifies that the equipment described has been found to comply with the following Approval Standards and other documents:

Class 3600	2011
Class 3611	2004
Class 3810	2005
ANSI/IEC 60529	2004

Original Project ID: 3041321

Approval Granted: May 6, 2011

Subsequent Revision Reports / Date Approval Amended

Report Number	Date	Report Number	Date
121024	December 28, 2012		
140218	May 19, 2014		

FM Approvals LLC



J. E. Marquedant
Group Manager

19 May 2014
Date

To verify the availability of the Approved product, please refer to www.approvalguide.com