

Certificate



No.: 968/EZ 624.01/17

Product tested Temperature and Process Variable Monitors
Certificate holder Bently Nevada, LLC.
1631 Bently Parkway South
Minden, NV 89423
USA

Type designation 3500/60_SIL2-AXX-BXX,
3500/61_SIL2-AXX-BXX,
3500/62_SIL2-AXX-BXX

AXX - Type of I/O Module: 01, 02, 03, 04 or 05
BXX - Label options for country-specific approvals

Codes and standards IEC 61508 Parts 1-7:2010 IEC 61131-2:2007

Intended application The 3500/60 and 3500/61 Temperature Monitors are designed for machinery protection application. The safety function of the 3500/60 and 3500/61 is to alert the temperature has exceeded the user-programmable alarm setpoint.
The safety function of the 3500/62 Process Variable Monitor is to monitor machine critical parameters like pressure, flow, temperature, level, etc. It accepts current (4-20mA) or voltage inputs (+/-10V). It conditions these signals, compares the conditioned signals to user-programmable alarm setpoints and triggers an alert if required.

The 3500/60, 3500/61 and 3500/62 are suitable for safety-related applications up to SIL 2 (IEC 61508).

Specific requirements The instructions of the associated Installation, Operating and Safety Manual shall be considered.

Valid until 2022-07-10

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 624.01/17 dated 2017-07-10.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
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Köln, 2017-07-10

Certification Body Safety & Security for Automation & Grid

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