

Certificate



No.: 968/V 1183.01/21

Product tested 3/2-way and 4/2-way solenoid valves

Certificate holder Kaneko Sangyo Co., Ltd.
5-3-9 Higashi Yawata
Hiratsuka, Kanagawa
254-0016
Japan

Type designation M00U (3/2-way direct acting),
M15G (4/2-way pilot-controlled)

Codes and standards IEC 61508 Parts 1-2 and 4-7:2010

Intended application The safety function of the M00U 3/2-way solenoid valve consists of fail close function by spring force if auxiliary power supply fails.

The safety function of the M15G 4/2-way solenoid valve, pilot-controlled by M00U 3/2-way solenoid valve, consists of an emergency tripping function (fail close) initiated by external pressure reservoir.

The valves are suitable for use in a safety instrumented system up to SIL 2. Under consideration of the minimum required hardware fault tolerance HFT=1 the valves may be used in a redundant structure up to SIL 3.

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

Summary of test results see back side of this certificate.

Valid until 2026-01-21

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/V 1183.01/21 dated 2021-03-16.

This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit

Köln, 2021-03-16

Certificate Body Safety & Security for Automation & Grid


Dipl.-Ing. (FH) Wolf Rückwart