



NIPPON KAIJI KYOKAI

TYPE APPROVAL CERTIFICATE FOR AUTOMATIC DEVICES AND EQUIPMENT

Certificate No. TA18016M

This is to certify that the undernoted product(s) has/have been approved in accordance with the requirements specified in Chapter 1, Part 7 of “Guidance for the Approval and Type Approval of Materials and Equipment for Marine Use” and the relevant Society's Rules.

This certificate is issued to

Manufacturer:	Trafag AG
Place of Manufacturing:	Industriestrasse 11, 8608 Bubikon, Switzerland
Product description:	Pressure Transmitter
Model:	8264 Series, 8298 Series

Approval No.:	07A007
Valid until:	5 February 2023

This certificate is subject to the conditions specified in the attached sheet(s).

Issued at Tokyo on 10 January 2018.


F. Taguchi
General Manager
Machinery Department

Specification & documents:

1. Particulars:

Supply Voltage: 24(9-32)VDC
 Signal Output: 4-20 mADC, 0.5-4.5VDC
 Measuring Range: 0-2.5 to 0-250 bar (8264)
 0-2.5 to 0-2500 bar (8298)
 (0-1.0 bar and +/-70mbar: Customized range)
 Max. Operating Temp: 100°C (8264), 125°C (8298)
 Degree of Protection: IP65 (Connector Type), IP69K (Cable Type)

2. Components and reference drawings:

Sensor	Type	Documents
Pressure Transmitter	8264 Series	Data sheet 02/2017, (H72313n & H72313n_spec) Data sheet 01/2017, (H72312o & H72312o_spec)
	8298 Series	H73311n, H73313f, B62120p, B62200c, B62250s, C12890l, C15988d

3. Documentation and Test Reports:

Test Report V-0605 (12-4-2006)
 EMCKP689 Index A (10-1-2006)
 Test Report V-0554 (19-7-2005)
 Mettler-Toledo Test Report A02.03 (28-12-2005)
 Mettler-Toledo Test Report A05.01 (27-10-2006)
 Test Report V-07109 (7-3-2008)
 Test Report V-08055 (1-4-2008)
 Test Report Nr.V-08101 (4-8-2008)
 Test Report Nr.V-08102 (13-8-2008)
 Test Report Nr.V-08113 (27-8-2008)
 Test Report 07-IK-0031 (9-2-2007)
 Test Report 08-IK-0248.01 (9-2-2007)
 Test Report EMV 8298 RATIO (17-10-2006)

NIPPON KAIJI KYOKAI

Attached sheet -2/2 to the Certificate No. TA18016M

Test items & approval conditions:

1. Test items:

(Applied testing items are marked with X.)

ENVIRONMENTAL TESTS		Mark
External examination		X
Operation test and performance test		X
Electric power supply failure test		X
Power supply fluctuation test	Electric	X
	Pneumatic and Hydraulic	--
Insulation resistance test		X
High voltage test		X
Pressure test (Pneumatic and Hydraulic)		X
Dry heat test (Temperature 135°C × 72 hours)		X
Damp heat test		X
Vibration test (Acceleration ±15g, 2000Hz / 20g, 2000Hz × 1.5 hours)		X
Inclination test		X
Cold test (Temperature -40°C × 16 hours)		X
Salt mist test		X
Electrostatic discharge immunity test		X
Radiated radio frequency immunity test		X
Conducted low frequency immunity test		X
Conducted high frequency immunity test		X
Burst / Fast transient immunity test		X
Surge immunity test		X
Radiated emission test		X
Conducted emission test		--
Flame retardant test		--

2. Approval condition:

Nil.