

TYPE APPROVAL CERTIFICATE

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the DNV GL Type Approval System.

Certificate No.	42 963 - 02 HH
Company	Trafag AG Industriestraße 11 8608 Bubikon, SWITZERLAND
Product Description	Electronic pressure switch
Type	DCS 8864
Environmental Category	D, H, EMC1
Technical Data / Range of Application	Measuring range: 0...2.5 bar to 0...600 bar Pressure connection: G 1/2" or G1/4" Electrical connection: connector M12x1, shielded cable required Power supply: 24VDC (4...20mA) Output: 1 x analogue 4...20 mA or 0..10VDC 2 x relay (c/o contacts), 30W (max. 1A), 38V AC/DC or 2 x transistors (NPN), max. 0.5 A, short circuit proof Display: back-lit LC-display with 4 digits, bargraph, pressure scale, switch state, sensor temperature, setting buttons Degree of protection: IP65 Requirement class: 3 Software (Firmware) version: DCS--V2-0 *Env. Cat 'H': extended vibration test : frequency range up to 2000 Hz acceleration = 10g
Test Standard	GL Guidelines for the Performance of Type Approvals, Chapter 2 – Test Requirements for Electrical / Electronic Equipment and Systems (VI-7-2), Edition 2012
Documents	Test report: GL Qualification Type: 8864 of Trafag dated 21-03-2002 Test report: EMC 0005/02 of EMC Testcenter Zürich AG dated 28-02-2002 Technical drawings: No. B61401-10f, B61400b , B61180g Data sheet H72605h; Software Development Documentation
Remarks	This certificate is issued on the basis of GL Guidelines for the Performance of Type Approvals, Chapter 1 - Procedure (VI-7-1), Edition 2007

Valid until **2019-11-27**

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File No. **I.D.01**

Hamburg, 2014-11-28

Type Approval Symbol




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