

Type Approval Certificate



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

Certificate No.	26 490 - 05 HH
Company	TIVAL Sensors GmbH Oberdörnen 74 42283 Wuppertal, GERMANY
Product Description	Pressure Switch
Type	FF4-2 GL DAH, FF4-4 GL DAH, FF4-8 GL DAH, FF4-16 GL DAH, FF4-32 GL DAH, FF4-60 GL PAH, FF4-120 GL PAH, FF4-250 GL PAH
Environmental Category	D
Technical Data / Range of Application	Pressure switch typ FF4-2 until FF4-32 DAH with perbunan diaphragm. High pressure switch typ FF4-60 until FF4-250 PAH with plastic plunger. Pressure ranges: 0.11... 2 bar up to 30 ... 250 bar Switching difference: adjustable Pressure connector: H (3/8" female) Media temperature: max. 70 °C Output: 1 c/o - contact (SPDT) Rating: 6 A, 230 V AC Degree of protection: IP 65 (with cable gland)
Test Standard	Guidelines for the Performance of Type Approvals, Chapter 2, Edition 2003
Documents	Test report : SEV 94.1 00247.03 dated 27.07.1994; Data sheet: TIVAL Druckschalter Baureihe FF4
Remarks	None

Valid until 2018-11-17
Page 1 of 1
File No. I.D.01
Hamburg, 2014-01-09

Type Approval Symbol



Germanischer Lloyd


Marco Rinkel


Klaus-Peter Schröder

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".