



# Type Approval Certificate

Germanischer Lloyd


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.

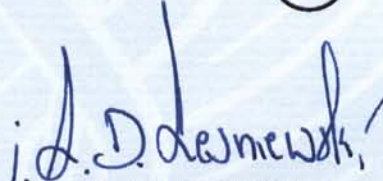
Certificate No.	99 419 - 97 HH
Company	GSR Ventiltechnik GmbH & Co. KG Im Meisenfeld 1 32602 Vlotho, GERMANY
Product Description	3/2- Way Solenoid Valves, Series 74
Type	A/74 .... 2/449-05-.012(-.182)-HA; 2/524-21-.012(-.182)-HA
Environmental Category	D, EMC1
Technical Data / Range of Application	Function: servo-controlled Media: compressed air Electrical connection: plug/socket according to DIN 43650 Rated voltage: 24, 42, 110, 230 V 50 Hz AC 24, 110, 196 V DC Duty cycle: 100% Mech. connection: 2/449-05-.... flange 2/524-21-.... G 1/4" A/74.... R 1/4" to R 2" Pressure range: 2/449-05-.... min. 7 bar - max. 40 bar 2/524-21-.... min. 2 bar - max. 12 bar A/74.... min. 2 bar - max. 12 bar Degree of protection: IP 65
Test Standard	Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003
Documents	Test Report No. 1-06/97 of RMS dated 13.06.1997 Letter of confirmation about the pressure test Drawings: No. 9-2-1584, No. 9-3-1643 Data sheet "Baureihe 74, 3/2 Wege-Magnetventil"
Remarks	None
Valid until	2012-07-05
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File No. I.C.02	
Hamburg, 2007-07-06	

Type Approval Symbol



Germanischer Lloyd

  
Marco Rinkel

  
Dariusz Lesniewski

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