



Germanischer Lloyd

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. **95 603 - 86 HH**

Company **GSR Ventiltechnik GmbH & Co. KG**
Im Meisenfeld 1
32602 Vlotho, GERMANY

Product Description **2/2 Way Solenoid Valves, Series 28**

Type **280./040./....**

Environmental Category **D, EMC1**

Technical Data /
Range of Application **Function: servo-controlled**
Media: neutral gas and neutral liquids
Pressure range: min. 0.5 bar - max. 16 bar
Mechanical connection: flanges DN15 - DN50
Electrical connection: plug/socket according to DIN 43650
Rated voltage: 24, 42, 115, 230 V AC 50 Hz
24, 110, 196 V DC
Rating (.../012): 32.0/26.0 VA, 18.5 W
(.../032): 24.5/15.0 VA, 18.5 W
(.../182): 14.5/10.5 VA, 6.8 W
Duty cycle: 100 %
Degree of protection: IP 65

Test Standard **Guidelines for the Performance of Type Approvals, Chapter 2 - Edition 2003**

Documents **Test Report of GSR dated 09.07.1986**
Catalogue data sheet "Type 28, 03/97"

Remarks **None**

Valid until **2012-07-05**

Page **1 of 1**

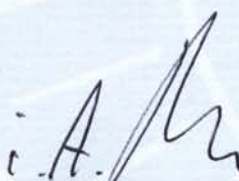
File No. **I.C.02**

Hamburg, 2007-07-06

Type Approval Symbol



Germanischer Lloyd


Marco Rirkel


Dariusz Lesniewski

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