



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. 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".