

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. **95 606 - 86 HH**

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

Product Description **2/2 Way Solenoid Valve**

Type **Series 40**

Environmental Category **D**

Technical Data /
Range of Application **Pilot operated 2/2-way solenoid valve**
Type: D4021/1002(06)/x012-...: DN 15 G 1/4, max. pressure 0.3 ... 20bar
Type: D4022/1002(06)/x012-...: DN 15 G 3/8, max. pressure 0.3 ... 20bar
Type: D4023/1002(06)/x012-...: DN 15 G 1/2, max. pressure 0.3 ... 20bar
Type: D4024/1002(06)/x012-...: DN 20 G 3/4, max. pressure 0.3 ... 20bar
Type: D4025/1002(06)/x012-...: DN 25 G 1, max. pressure 0.3 ... 20bar
Type: B4026/1002(06)/x012-...: DN 32 G 1 1/4, max. pressure 0.5 ... 16bar
Type: B4027/1002(06)/x012-...: DN 40 G 1 1/2, max. pressure 0.5 ... 16bar
Type: B4028/1002(06)/x012-...: DN 50 G 2, max. pressure 0.5 ... 16bar
Body material [10]: Brass; Sealing [02]: FKM, [06]: EPDM
Supply voltage [x]: 24, 110, 230V AC or 24, 110, 220V DC;
Power consumption: 18.5W [1012] or 35/24VA [0012],
Media: neutral liquids and gases; Media temperature: -10 °C to +60 °C
Degree of protection: IP65
Version: .. [GL]: Standard with special plug-in device type 28 G1/2 GDM 2014J
.. [GH]: With special plug-in device and manual operation

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

Documents **Test report from Schoppe and Fäser (May 1986); Data sheet: GSR-MK-JK-DB-40 (state 05/2010); Ex-Certificate PTB 03 ATEX 2172 X, Test report PTB Ex 03-22229, Technical report TÜV no. 10799389833; Drawings no.: 09-3-01825, -01206, -00674, -01869, 1-3-2639**

Remarks **External protection for transients to be installed.**

Valid until **2014-02-21**

Page **1 of 2**

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

Hamburg, **2011-05-18**

Type Approval Symbol



Germanischer Lloyd

Burkhard Lilienthal

Klaus-Peter Schröder

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. 95 606 - 86 HH

Further Technical Data / Range of Application

Type: D4021/1002(06)/x148-...: DN 15 G 1/4, max. pressure 0.3 ... 20bar
Type: D4022/1002(06)/x148-...: DN 15 G 3/8, max. pressure 0.3 ... 20bar
Type: D4023/1002(06)/x148-...: DN 15 G 1/2, max. pressure 0.3 ... 20bar
Type: D4024/1002(06)/x148-...: DN 20 G 3/4, max. pressure 0.3 ... 20bar
Type: D4025/1002(06)/x148-...: DN 25 G 1, max. pressure 0.3 ... 20bar
Type: B4026/1002(06)/x148-...: DN 32 G 1 1/4, max. pressure 0.5 ... 16bar
Type: B4027/1002(06)/x148-...: DN 40 G 1 1/2, max. pressure 0.5 ... 16bar
Type: B4028/1002(06)/x148-...: DN 50 G 2, max. pressure 0.5 ... 16bar
Body material [10]: Brass; Sealing [02]: FKM, [06]: EPDM, [
Supply voltage [x]: 24, 110, 230V AC or 24, 110, 220V DC
Power consumption: 10W [1148] or 9VA [0148]
Media: neutral liquids and gases
Media temperature: -10 °C to +130 °C
Degree of protection: IP65
Version: .. : Standard with Ex-solenoid
.. [HA]: With Ex-solenoid and manual operation

Valid until 2014-02-21

Page 2 of 2

File No. I.C.02

Hamburg, 2011-05-18

Type Approval Symbol



Germanischer Lloyd

Burkhard Lilienthal
Burkhard Lilienthal

Klaus-Peter Schröder
Klaus-Peter Schröder

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