

Solenoid valve JMN1H-5/2-D-2-C

159702

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Product data sheet

Valve function

Two position five way dual electronic control

Driving method

Electric control

width

54 mm

Standard rated flow (standardized according to DIN 1343)

2300 l/min

Working air port

Base size 2, in accordance with ISO 5599-1 standard

G3/8

working voltage

Through electromagnetic coils, separate orders are required

working pressure

0.2 Mpa ... 1 Mpa

working pressure

2 bar ... 10 bar

Structural characteristics

Piston gate valve

authentication

C UL us - Certified (OL)

Maritime classification

See certificate

Certificate issuing authority

DNV-TAA000032X

Protection level

IP65

Nominal diameter

11.5 mm

Grid size

56 mm

Exhaust function

With throttling options

Sealing principle

Soft sealing

Installation location

Optional

Compliant with standards

ISO 5599-1

Manual control device

Lock through attachments

Button type

ISO specifications

two hundred and fifty-five

Leading type

Pilot driven

Pilot gas source

Inner leader

flow to

Irreversibility

Symbol

00991005

Overlap

Positive overlap

Reverse switch time

21 ms

Maximum forward test pulse of 0 signal

3700 μ s

Maximum negative test pulse with signal 1

4600 μ s

Working medium

Compressed air, in accordance with ISO 8573-1:2010 [7:4:4]

Description of Work and Pilot Media

Can work with lubricating medium (must continue to work with lubricating medium thereafter)

Vibration resistance

Transport application testing, severity level 1, in compliance with FN 942017-4 and EN 60068-2-6 standards

Impact resistance

Impact test, severity level 2, in accordance with FN 942017-5 and EN 60068-2-27

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B1/B2-L

Medium temperature

-5 °C ... 50 °C

Sound pressure level

85 dB(A)

ambient temperature

-5 °C ... 50 °C

Product weight

940 g

Electrical interface

Additional order is required for N1 type coils

Installation method

On the base

Through through-holes and screws

Pilot exhaust port 82

M5

Pilot exhaust port 84

M5

Air interface, air port 1

Base size 2, in accordance with ISO 5599-1 standard

Air interface, air port 2

Base size 2, in accordance with ISO 5599-1 standard

Air interface, air port 3

Base size 2, in accordance with ISO 5599-1 standard

Air interface, air port 4

Base size 2, in accordance with ISO 5599-1 standard

Air interface, air port 5

Base size 2, in accordance with ISO 5599-1 standard

Material Description

RoHS compliance

Sealing material

HNBR

NBR

Shell material

Die cast aluminum

