





Electro-Pneumatic Safety Shut Off Valve

1-4-EPVA 100H-4.02.32





Electromagnetic Safety Shut Off Valves

Normally closed "NC" (currentless closed)

For Medium:

Natural gas, Biogas, Propan, H2, O2,...

Dimensions:

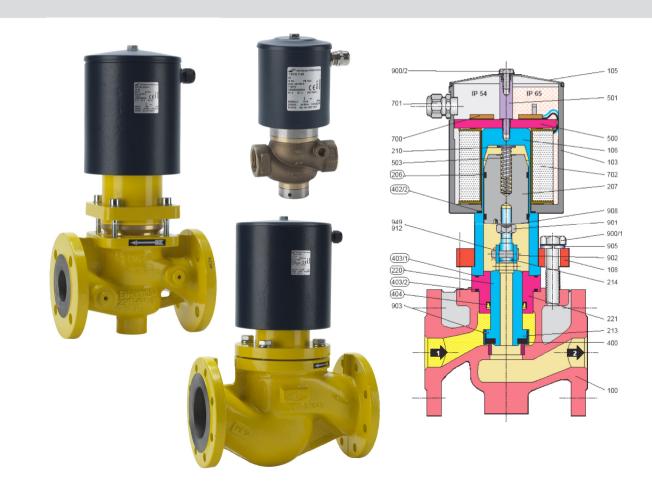
G 1/4" - G 1", DN15 - DN150,

MOP: 0.1bar - 10(40)bar

According to:

DIN-EN161 & DIN 3394-1, Class: A, Group: 2

Ex-protection:





Electropneumatic Safety Shut Off Valves

Normally closed "NC" (currentless closed)

For Medium:

Natural gas, Biogas, Propan, H2, O2,...

Dimensions:

DN15 - DN400,

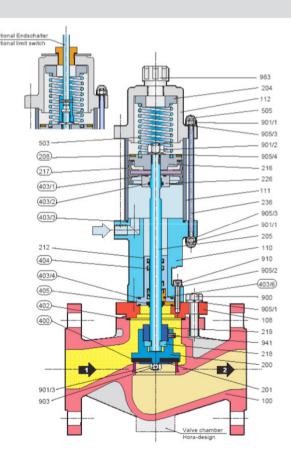
MOP: 1bar - 40bar

According to:

DIN-EN161 & DIN 3394-1, Class: A, Group: 2

Ex-protection:







Electromagnetic Double Block Valves

Normally closed "NC" (currentless closed)

For Medium:

Natural gas, Biogas, Propan, H2, O2,...

Dimensions:

DN65, DN80, DN100 and DN150,

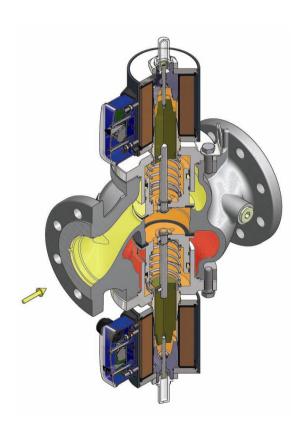
MOP: 0,5 bar and 5 bar

According to:

DIN-EN161 & DIN 3394-1, Class: A, Group: 2

Ex-protection:









Electro-Magnetic Safety Shut Off Valve

02-EVA 30NH-4.02.32





Electromagnetic Safety Shut Off Valves

Normally open "NO" (currentless open)

For Medium:

Natural gas, Biogas, Propan, H2, O2,...

Dimensions:

G 1/4" - G 1", DN15 - DN50

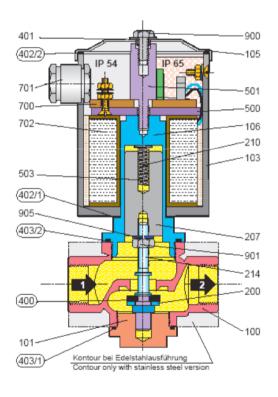
MOP: 0.1bar - 1(40)bar

According to:

DIN-EN161 & DIN 3394-1, Class: A, Group: 2

Ex-protection:







Electropneumatic Safety Shut Off Valve

Normally open "NO" (currentless open)

For Medium:

Natural gas, Biogas, Propan, H2, O2,...

Dimensions:

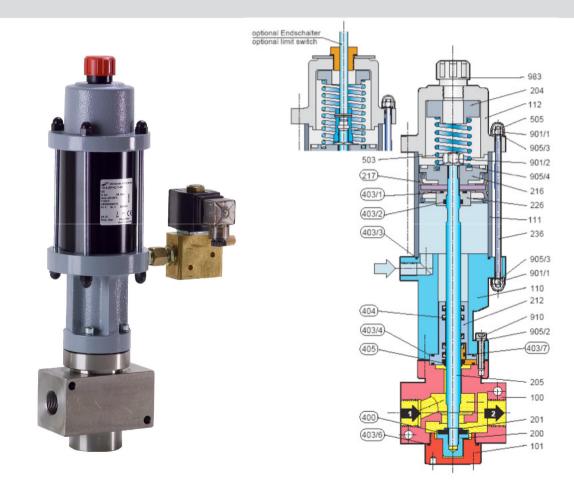
G 3/4", DN 15 - DN 65

MOP: 10 bar

According to:

DIN-EN161 & DIN 3394-1, Class: A, Group: 2

Ex-protection:





Gas Safety Shut Off Valve Unit

for marine and landbased application

For Medium:

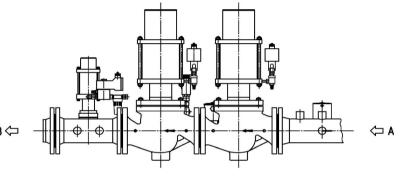
Natural gas, Biogas, Propan, H2, O2,...

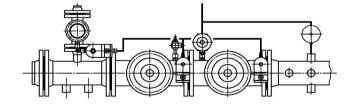
Including venting and purging valves

MOP= 40barg (land based)

MOP= 10(40)barg (marine)







If need with approval by marine classification society

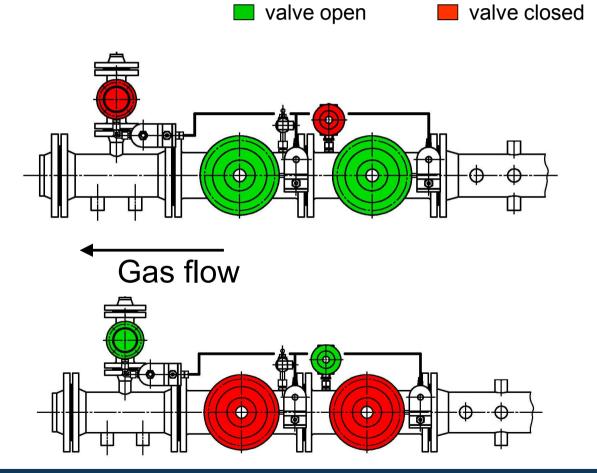


For marine and landbased application

General Layout

Open/close status during operation \rightarrow

Open/close status during engine stop →



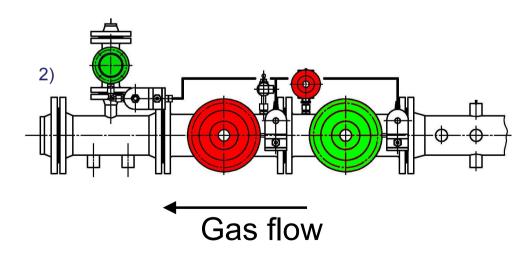


Tightness test

General Layout

1) + 3)

Open/close status during tightness test



valve open

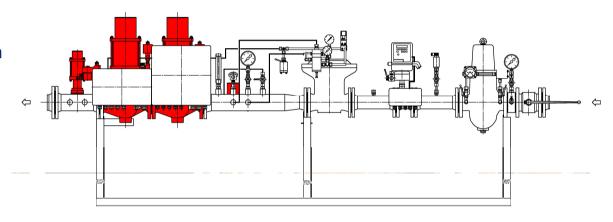
valve closed

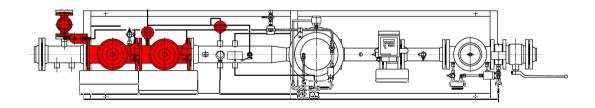


Landbased or marine application

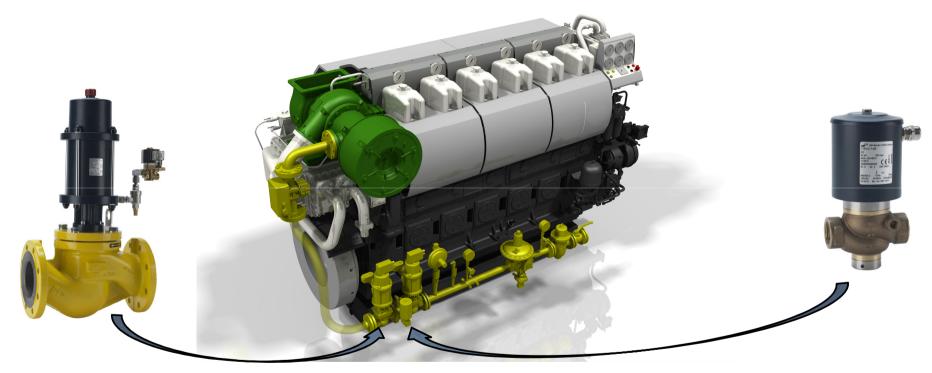
General Layout

Including pressure regulator, flow meter, gasfilter and inlet ball valve,...









Electro-Pneumatic Safety Shut Off Valve

1-4-EPVA 100H-4.02.32

Dual Fuel Engine

Solenoid Vent Valve 1-EVO 7-4R.01

marine applications

(More than 10.000 uni-geräte valves are installed at sea)







40-4-EPVA 30NH-4.03.32

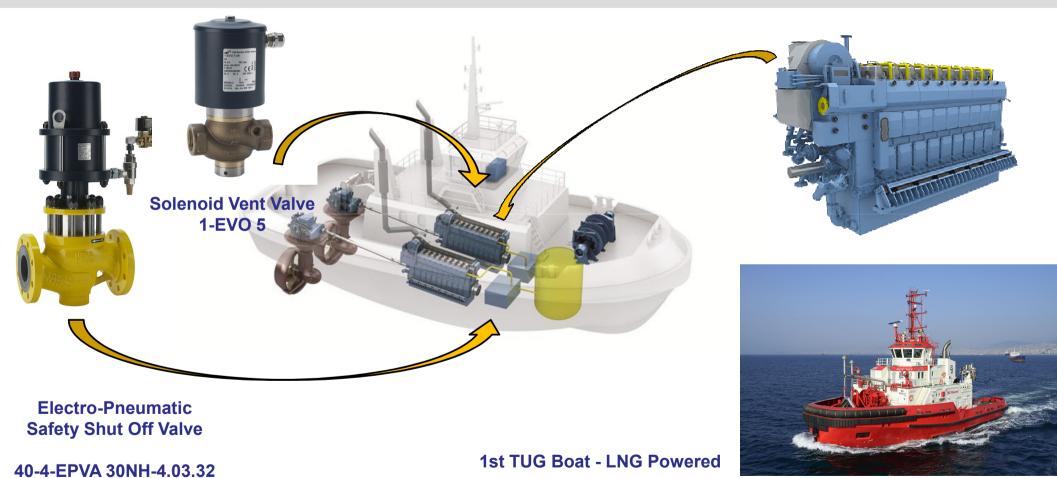




Purging Valve

10-4-EPV0 15NH-4.03.32









Safety Shut Off Valve

40-4-EPVA 30NH-4.03.32



Cruise Ship

land based applications

(More than 1.000.000 uni-geräte valves are installed worldwide)



Example for a gas burner application

General Layout





Example for a Multiple Hearth Furnace

Tailor made solution









uni-geräte e. mangelmann elektrotechnische fabrik gmbh

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