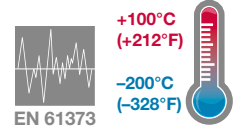


- > **Port size:**
DN 32,
Flange connection,
PN 40, acc. to GOST
12815-0 Russia RU
- > **High flow rate**
- > **Damped operation**
- > **Explosion proof
electrical position
indicator: NAMUR,
(inherently safe)**

- > **Shock and vibration
tested to EN 61373,
Category 1, class B**



Technical features

Medium:

Liquid natural gas,
oxygen, nitrogen

Switching function:

Normally closed

Mech. equipment:

Electrical position indicator
with 2 limit switches

Mounting position:

Solenoid vertical on top

Flow direction:

Determined

Port size:

DN 32

Operating pressure:

0 ... 40 bar (0 ... 580 psi)

Leak tightness:

DIN EN 12266-1
Leakage rate "E"

Fluid temperature:

-200 ... +100°C (-328 ... +212°F)

Ambient temperature:

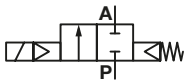
-40 ... +70°C (-40 ... +158°F)

Material:

Body: Stainless steel (1.4301)

Internal parts: Stainless steel, PTFE

Technical data

Symbol	Port size	Orifice (mm)	Valve length (mm)	Flow kv value *1 (m³/h)	Operating pressure *2 (bar)	Weight (kg)	Model Solenoid in V d.c.
	32	25	200	9,5	0 ... 40	17,5	8590907.8955.11000

*1) Cv-value (US) ≈ kv value x 1,2

*2) For gases and liquid fluids up to 25 mm²/s (cSt)

Standard solenoid systems

Voltage and Frequency Solenoid 8955					
Code Voltage	Code Frequency	Voltage	Frequency	Power consumption	
				Inrush	Holding
110	00	110 V d.c.	-	43 W	43 W

Further versions on request!

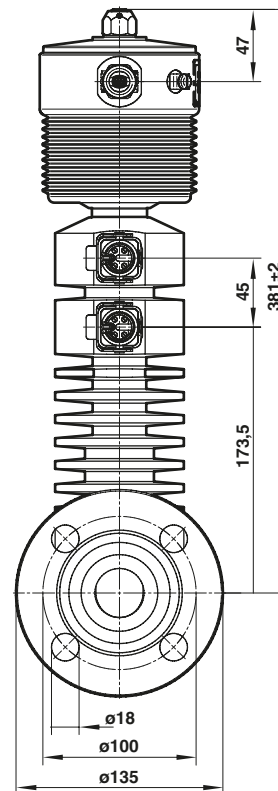
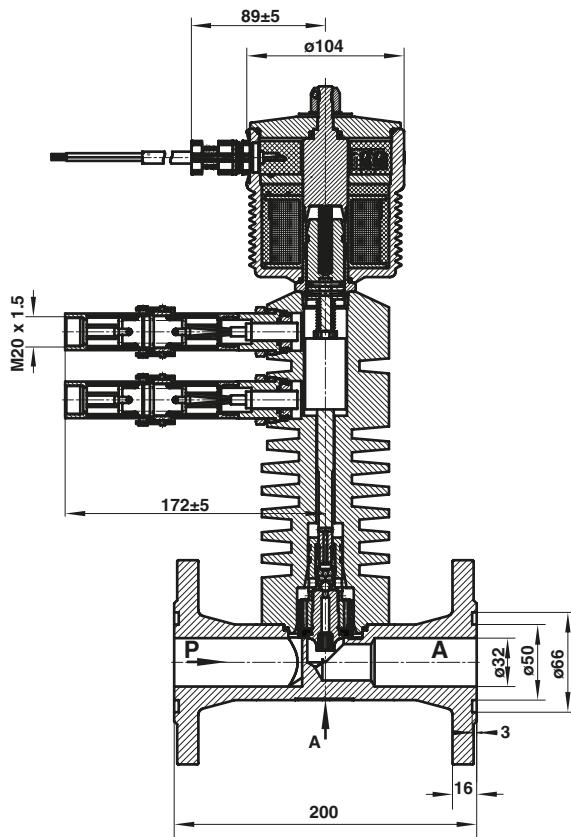
Electrical details for all solenoid systems

Design	DIN VDE 0580
Voltage range	±10%
Duty cycle	100% ED
Protection class	EN 60529 IP65
Socket	Form A acc. to DIN EN 175301-803 (included)

According to DIN VDE 0580 at a solenoid temperature of +20°C.
At operating state temperature the input power of a coil decreases by up to ca. 30% due to physical reasons.

Dimensions

Dimensions in mm
Projection/First angle



Note to Pressure Equipment Directive (PED):

The valves of this series are according to Art. 4 § 3 of the Pressure Equipment Directive (PED) 2014/68/EU. This means interpretation and production are in accordance to engineers practice well-known in the member countries. The CE-sign at the valve does not refer to the PED. Thus the declaration of conformity is not longer applicable for this directive.

Note to Electromagnetic Compatibility Guideline (EMC):

The valves shall be provided with an electrical circuit which ensures the limits of the harmonised standards EN 61000-6-3 and EN 61000-6-1 are observed, and hence the requirements of the Electromagnetic Compatibility Guideline 2014/30/EU satisfied.