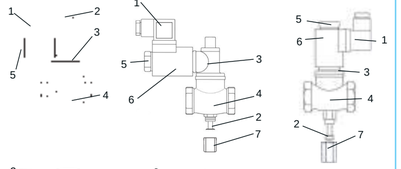
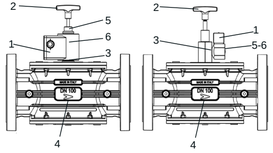
DESCRIPTION





- 1 *Electric connector*
- 2 *Reset knob*
- 3 *Release unit*
- 4 *Valve body*
- 5 *Screw for coil clamp*
- 6 *Coil*
- 7 *Protective plug*

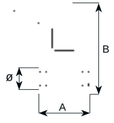
Identification symbol of the "rectifier" connectors (see table coil marking).



DIMENSIONS

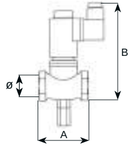
Normally **OPEN**

550 mbar



ϕ	A x B	PED	EN161
1/2"	60x120	-	-
3/4"	60x120	-	-
1"	78x125	V	-
1" 1/4	114x174	V	-
1" 1/2	114x174	V	-
2"	139x182	V	-

Normally **CLOSE**



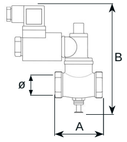
ϕ	A x B	PED	EN161
1/2"	60x135	V	V
3/4"	60x135	V	V
1"	78x160	V	V
1" 1/4	114x186	V	V
1" 1/2	114x186	V	V
2"	139x193	V	V

(GAR) Regulation - EN161Norm
PED 2014/68/UE Directive

Overall measurements in mm.
Threaded connections as ISO 228/1
Body in brass.

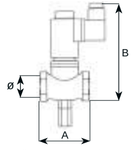
Normally **OPEN**

6 bar



ϕ	A x B	PED	EN161
1/2"	60x140	-	-
3/4"	60x140	-	-
1"	78x165	V	-
1" 1/4	114x195	V	-
1" 1/2	114x195	V	-
2"	139x210	V	-

Normally **CLOSE**



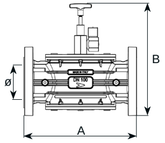
ϕ	A x B	PED	EN161
1/2"	60x135	V	V
3/4"	60x135	V	V
1"	78x160	V	V
1" 1/4	114x186	V	V
1" 1/2	114x186	V	V
2"	139x193	V	V

(GAR) Regulation - EN161Norm
PED 2014/68/UE Directive

Overall measurements in mm.
Threaded connections as ISO 228/1
Body in brass.

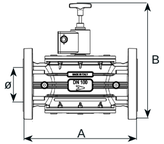
Normally **OPEN**

550 mbar / 6 bar



ϕ	A x B	PED	EN161
DN50 550mbar	230x180	V	-
DN50 6bar	230x200	V	-
DN65	350x346	V	-
DN80	350x346	V	-
DN100	350x346	V	-

Normally **CLOSE**



ϕ	A x B	PED	EN161
DN50 550mbar	230x193	V	V
DN50 6bar	230x193	V	V
DN65	350x348	V	V
DN80	350x348	V	V
DN100	350x348	V	V

(GAR) Regulation - EN161Norm
PED 2014/68/UE Directive

Overall measurements.
Flanging connections as UNI2223.
Die-cast aluminum.

COIL MARKING FROM 1/2" TO 2"

	12Vdc	12Vac	24Vdc	24Vac	110Vac-50/60Hz	230Vac-50/60Hz
N.O.	12Vdc 19W	12Vac 17VA	24Vdc 19W	24Vac 17VA	110Vac 17VA	230Vac 17VA
N.C.	12Vdc 6W	12VRac 12W A	24Vdc 9W	24VRac 5W A	110VRac 7,5W B	230VRac 9W B

COIL MARKING FROM DN65 TO DN100

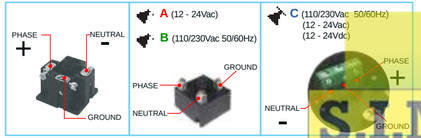
	12Vdc	12Vac	24Vdc	24Vac	110Vac-50/60Hz	230Vac-50/60Hz
N.O.	-	12VRac 17VA A	-	24VRac 17VA A	110VRac 17VA B	230VRac 15W B
N.C.	12Vdc 23W	12VRac 23W C	24Vdc 21W	24VRac 23W C	110VRac 22W C	230VRac 23W C

A : *a particular (12-24Vac) connector must be associated to these coils which acts as a "delayer" and "rectifier" included in the packaging: Cod. 2.180.2430.*

B : *a particular (230-110Vac-50/60Hz) connector must be associated to these coils which acts as a "delayer" and "rectifier" included in the packaging: Cod. 2.180.2429.*

C : *a particular (230-110Vac -50/60Hz, 12-24Vac, 12-24Vdc), to these coils which acts as a "delayer" and "rectifier" already mounted on the coil: Cod. 8.180.2555.*

ELECTRIC CONNECTORS



INSTALLATION AND POSITIONING

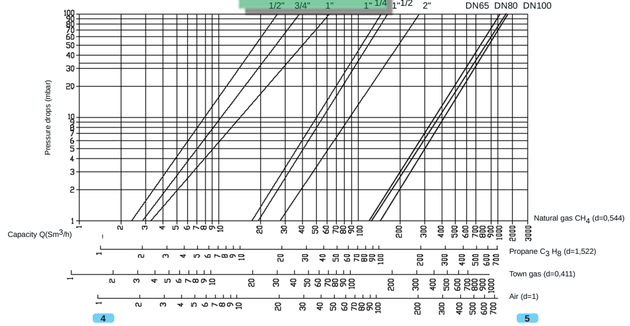
Read instructions before use.
This devise must be installed by fitting a suitable gas filter (according to UNI EN 161) upstream of it, also refer to the rules in force for proper installation.
The solenoid valve must be positioned with the arrow stamped on the body turned towards the user appliance upstream of the regulation apparatus and preferably outside the measurement zone.
CAUTION: Install the solenoid valve away from the elements.

Horizontal position	Vertical position	Overturned position
✓	✓	✗

MAINTENANCE

The solenoid valve's intervention should be checked periodically.
Should disassembly be necessary, make sure there is no gas under pressure inside the valve and that is not connected to the power supply before starting.
All maintenance operations should be carried out by qualified personnel.

LOSS OF HEAD DIAGRAM



TECHNICAL CHARACTERISTICS

- *Max pressure:* *550 mbar / 6 bar (in according to the model).*
- *Closing time:* *< 1 sec.*
- *Power capacity:*
  type N.O. *12-24 (Vdc) 19W.*
  12-24-110-230 (Vac) 17VA -15W.
  type N.C. *12-24 (Vdc) 6W - 9W - 21W - 23W*
  12-24-110-230 (Vac) 5W - 7,5W - 9W - 12W - 21W - 22W - 23W.
- *Power supply:* *12Vdc, 12Vac, 24Vdc, 24Vac, 110Vac-50/60Hz, 230Vac-50/60Hz.*
- *Connections:* *from 1/2" of 2" threaded as ISO 228/1,*
  from DN50 of DN100 flanging as UNI 2223.
- *Level of electrical protection:* *IP65.*
- *Class:* *A.*
- *Group:* *2.*
- *Operating temperature:* *-15°C..... +60°C.*
- *Approval:* *Directive 2014/68/UE*
  (GAR) Regulation - EN161Norm (Only for Normally Closed solenoid valves).

CE

Directive 2012/19/UE (Waste Electrical and Electronic Equipment - WEEE):

Information for users:
The crossed out wheeled bin label that can be found on your product indicates that this product should not be disposed of via the normal household waste stream.
To prevent possible harm to the environment or human health please separate this product from other waste streams to ensure that it can be recycled in an environmentallysound manner. For more details on available collection facilities please contact your local government office or the retailer where you purchased this product.

RAEE

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Via Miglioli, n°47 20090 Segrate (MI)
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GECA Srl
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Italy Tel. +39 030 3730218
www.gecasrl.it

The manufacturer firm reserves the right to make any aesthetic or functional modification to the without prior notice at any time.

S.I.M.E
A.E.

ELETTROVALVOLE GAS

Italiano

a riarmo manuale, Normalmente Aperte e Normalmente Chiuse

550 mbar
6 bar



Questo documento si riferisce alle elettrovalvole gas:
- serie ***GAS GAS*** marcate GECA
- serie ***VR*** marcate TECNOCONTROL

MADE IN ITALY

Queste elettrovalvole sono nate per essere abbinate a qualunque sistema di rivelazione gas che preveda, in caso d'allarme, un segnale per la chiusura della mandata principale.
Tutte le elettrovalvole sono a riarmo manuale in accordo con la normativa italiana riguardante i sistemi di rivelazione gas CEI UNI EN 50194.

PRINCIPIO DI FUNZIONAMENTO

NORMALMENTE APERTE (N.A.)

Nelle elettrovalvole **Normalmente Aperte** durante il normale esercizio non c'è assorbimento elettrico e quindi, oltre al risparmio energetico, nessun organo è sottoposto ad usura.
Quando invece la bobina elettromagnetica è sottoposta a tensione viene sganciato il dispositivo di chiusura.

Per riarmare l'elettrovalvola assicurarsi che la bobina NON sia alimentata.

- Per i modelli da **550 mbar** (da **DN15** a **DN50)** e da **550 mbar/ 6bar** (da **DN65** a **DN100),** tirare la manopola di riarmo.
- Per i modelli **6 bar** (da **DN15** a **DN50)** svitare il "**Tappo di protezione**", spingere la "**Manopola di riarmo**" e riavvitare il "**Tappo di protezione**".

NORMALMENTE CHIUSE (N.C.)

Le elettrovalvole **Normalmente Chiuse** sono costruite in modo tale da poter garantire, con la loro **sicurezza intrinseca**, l'intercettazione del gas in mancanza di tensione di rete.
Esse infatti hanno bisogno di essere continuamente alimentate per rimanere aperte e si chiudono automaticamente se viene a mancare tensione alla bobina.
Per evitare chiusure accidentali, le elettrovalvole sono dotate di un meccanismo che ignora le interruzioni di corrente di breve durata (<30 msec).

Per riarmare l'elettrovalvola assicurarsi che la bobina sia alimentata.

- Per i modelli da **550 mbar** (da **DN15** a **DN50**) svitare il "**Tappo di protezione**", spingere la "**Manopola di riarmo**" e riavvitare il "**Tappo di protezione**".
- Per i modelli **550 mbar / 6 bar** (da **DN65** a **DN100**) tirare la "**Manopola di riarmo**".