



KLINGER SOLENOID - VALVES



Solenoid Valve

Type: 26230.77

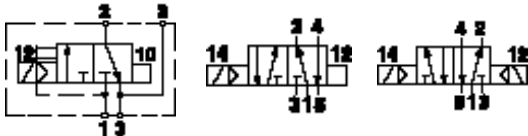
Process control valves

Herion 26230, 80107 NAMUR Series

Indirectly solenoid actuated spool valves

6 mm orifice (ND)

3/2, 5/2, NC, G $\frac{1}{4}$



- For single and double operated actuators
- Standard manual override with detent
- Compact design
- High flow rate
- Simple design of soft spool seal system
- Maintenance-free
- Easily interchangeable solenoid system
- Exhaust air recirculation



Technical data

Medium:

Compressed air, filtered, lubricated and non-lubricated

Operating pressure:

2 to 8 bar

Flow direction:

Fixed

Mounting position:

Optional, preferably with solenoid on top

Ambient temperature:

-10°C to 50 °C

For temperatures below 0°C use conditioned dry air. If installed outdoors protect all connections against the penetration of moisture

Consult our Technical Service for use below +2°C

Electrical connection:

Connector interface to DIN 43650 form A and B

Materials

Housing: aluminium

Pilot flange: plastic

Seat seal: NBR (Perbunan)

Port size 1, 3, (5)	2 (4)	Function	Actuation	Orifice (mm)	Operating pressure (bar)	kv value (m ³ /h)*	kg	Drawing no.	Model
G 1/4	Flange	3/2	Solenoid	6	2 ... 8	1,2	0,4	1	8010777xxxx*****
G 1/4	Flange	5/2	Solenoid	6	2 ... 8	1,2	0,55	2	2623077xxxx*****
G 1/4	Flange	5/2	2 x Solenoid	6	2 ... 8	1,2	0,9	3	2623177xxxx*****
G 1/4	Flange	3/2, 5/2	Solenoid	6	2 ... 8	1,2	0,4	4	2623079xxxx*****
G 1/4	Flange	3/2, 5/2	2 x Solenoid	6	2 ... 8	1,2	0,9	5	2623179xxxx*****

xxxx Insert solenoid codes from table below. ***** Insert voltage codes from table below

* Cv (US) \approx kv x 1,2

Port 3 not throttleable

Options selector

8010777 *****
2623XXX *****

Solenoid	Voltage	Substitute
See solenoid tables	24 V d.c.	02400
	230 V a.c.	23050
	110 V a.c.	11050
	230 V a.c.	23050

Other voltages on request






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Solenoid actuators

	Power consumption		Voltage		Protection category	Protection class	Temperatures Ambient/fluid °C	Electrical connection	kg	Solenoid drawing no.#	Circuit diagram no.#	Model
	24 V d.c. (W)	230 V a.c. (VA)	24 V d.c. (mA)	230 V a.c. (mA)								
	1,7	–	–	–	–	IP 65 (with connector)	-40 ... +50	DIN EN 175301-803 Form B ⁴⁾	0,054	32	1	3050
	1,6	3,5	30	–	–	IP 65 (with connector)	-40 ... +50	DIN EN 175301-803 Form A ⁴⁾	0,090	33	1	3036 ²⁾
	2,7	–	115	–	II2G	EEx m II T5	-20 ... +50	Connector with 3 m cable	0,300	34	1	3062 ³⁾
	–	2,1	–	9	II2G	EEx m II T5	-20 ... +50	Connector with 3 m cable	0,300	34	8	3063 ³⁾
	2,7	–	115	–	–	IP 66 Connection M12x1	-10 ... +50	DIN EN 60947-5-2	0,110	35	8	3071

Standard voltages 24 V d.c., 230 V a.c. Other voltages on request. Design acc. to VDE 0580, EN 50014/50028. 100% duty cycle.

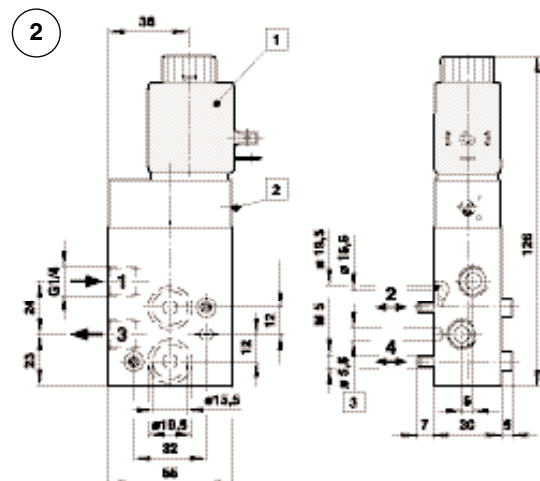
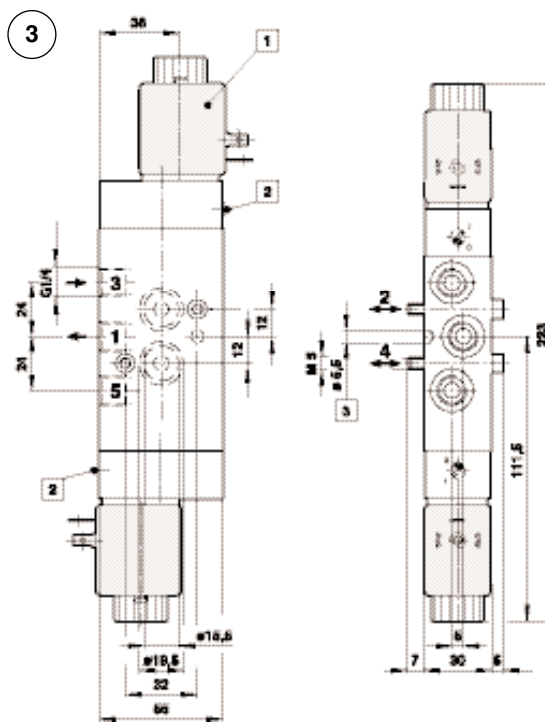
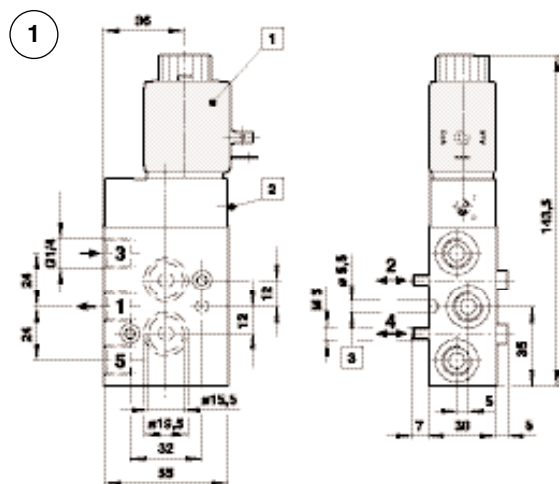
Valves can only be operated with d.c. solenoids

2) Connector required, see page 154

3) Certificate of Conformity PTB No. PTB 03 ATEX 2015 X

4) Connector not supplied, see 'Accessories' table

For solenoid dimensional drawings and circuit diagrams, see page 157



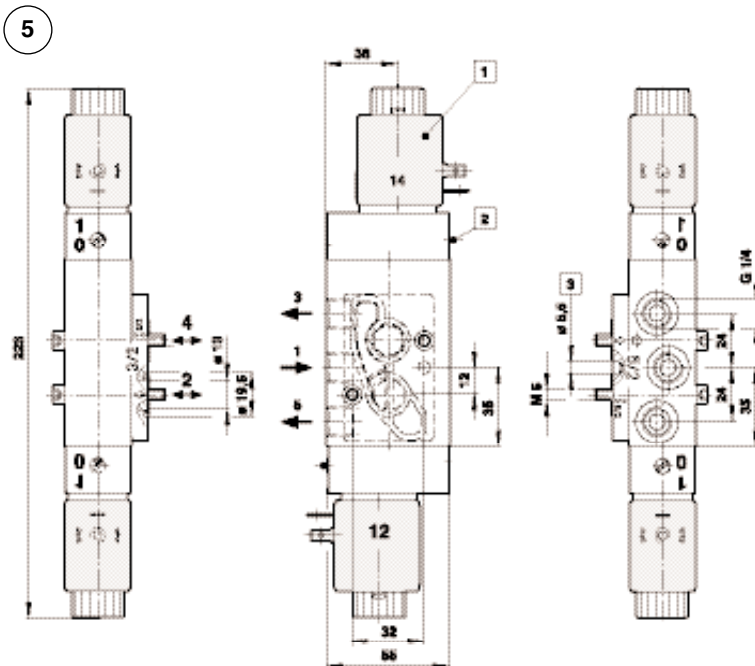
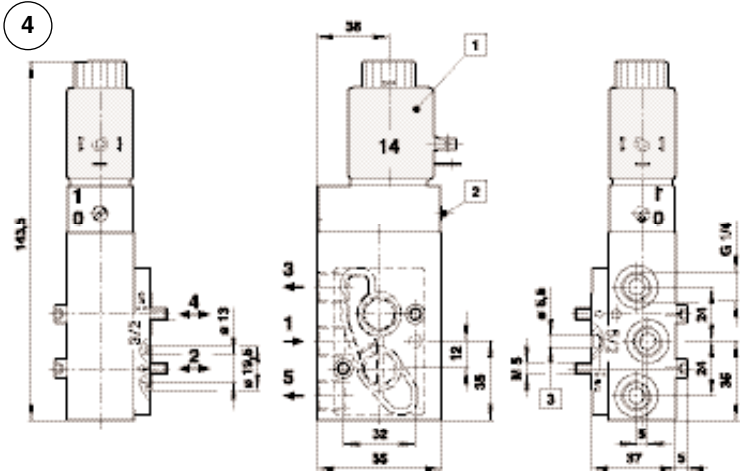
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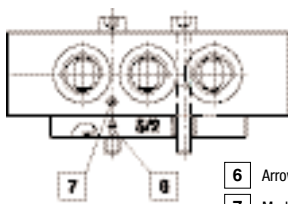
3/2, 5/2, NC, G 1/4



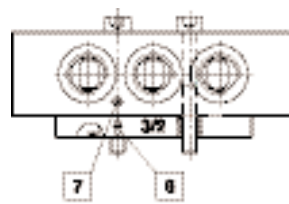
Conversion instructions for 5/2 to 3/2 way function

5/2 way function (original mode of supply)

3/2 way function

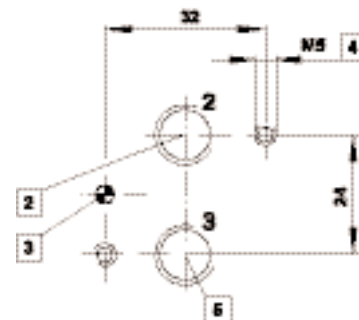


6 Arrow
7 Marker



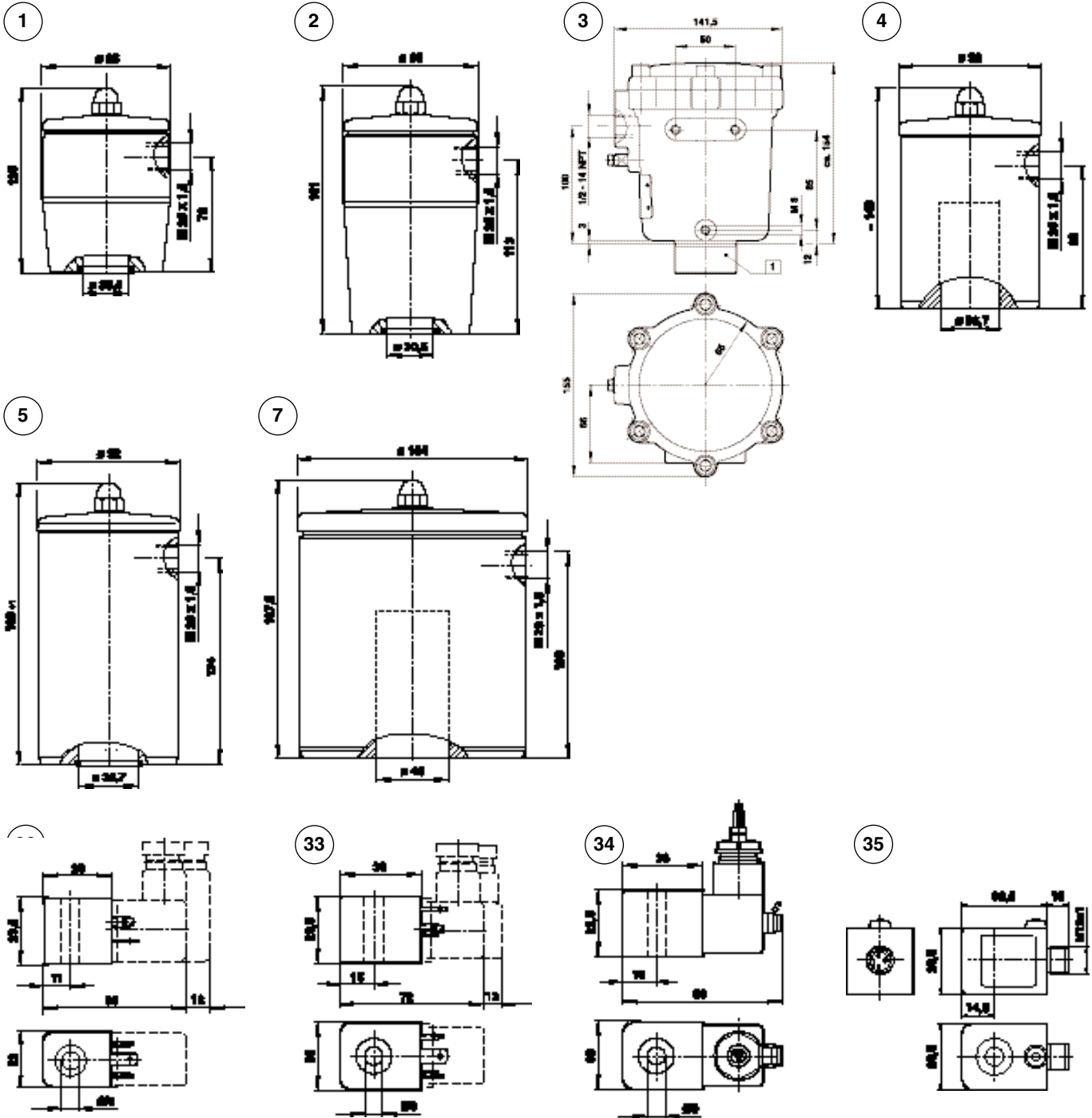
3/2- way function can be achieved by swapping enclosed adaptor plates. Make sure marker and arrow match as shown on drawing above.
Original mode of supply: 5/2 way function

NAMUR hole pattern

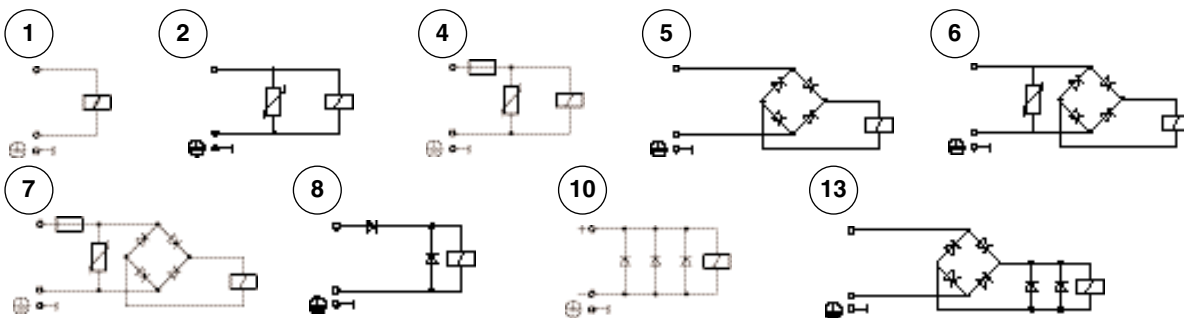


2 Port 2 (A)
3 Coding stud threaded
4 M5 (10 deep)
5 Port 3 (R)

Solenoid dimensional drawings



Circuit diagrams





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