

# Solenoid valves series A2

1/4", with multiple connector

| Standard executions           |        |        |       |
|-------------------------------|--------|--------|-------|
| Version                       | Symbol | Code   | Item  |
| 3/2 NC - 24VDC                |        | 036000 | A230A |
| 3/2 NC - 12VDC                |        | 036030 | A230B |
| 3/2 NO - 24VDC                |        | 036001 | A231A |
| 3/2 NO - 12VDC                |        | 036031 | A231B |
| 3/2 solenoid/solenoid - 24VDC |        | 036002 | A232A |
| 3/2 solenoid/solenoid - 12VDC |        | 036032 | A232B |
| 2-3/2 NC-NO - 24VDC           |        | 036040 | A233A |
| 2-3/2 NC-NC - 24VDC           |        | 036041 | A234A |
| 2-3/2 NO-NO - 24VDC           |        | 036042 | A235A |
| 5/2 solenoid/spring - 24VDC   |        | 036003 | A250A |
| 5/2 solenoid/spring - 12VDC   |        | 036033 | A250B |
| 5/2 solenoid/solenoid - 24VDC |        | 036004 | A251A |
| 5/2 solenoid/solenoid - 12VDC |        | 036034 | A251B |
| 5/3 CC - 24VDC                |        | 036005 | A270A |
| 5/3 CC - 12VDC                |        | 036035 | A270B |
| 5/3 OC - 24VDC                |        | 036006 | A271A |
| 5/3 OC - 12VDC                |        | 036036 | A271B |
| 5/3 PC - 24VDC                |        | 036007 | A272A |
| 5/3 PC - 12VDC                |        | 036037 | A272B |



Series of spool valves, for multi-pole connection on island sub-base.

This series of modern valves are innovative and highly performing:

- With reduced overall dimensions and high flow rates;
- Electric pilots on solenoid / solenoid version are both on same side;
- Coils with low power consumption;
- Possibility of feeding with different pressures different valves ( by integrating a membrane module within the base );
- Can be set for separate internal feeding;
- Fast and practical assembly: each valve, even if in an intermediate position, can be easily replaced by individually operating on such valve only;
- "Push" manual override, spring return and two position;
- With LED.

For bases and accessories

see page 2.105.4

For island configuration

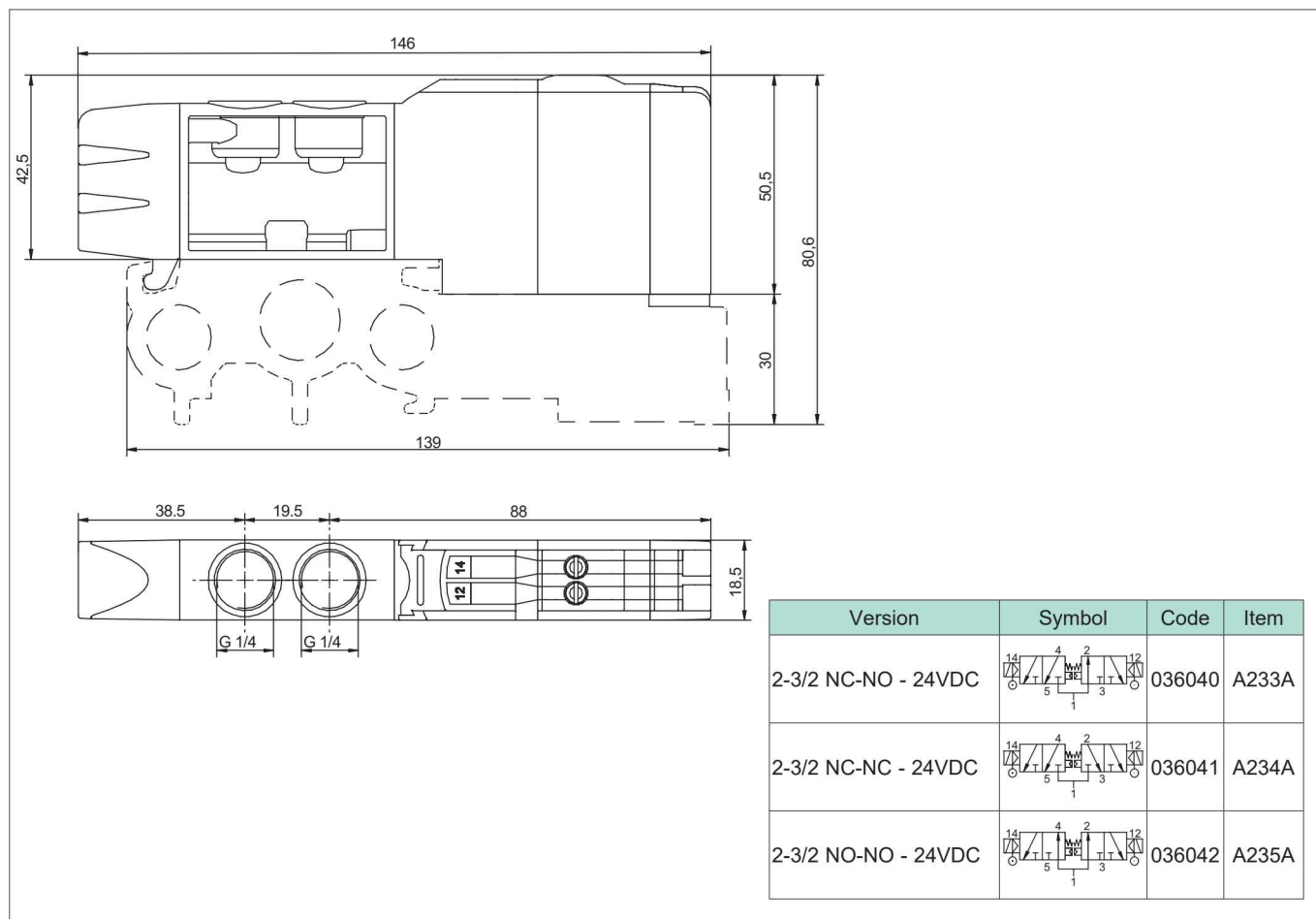
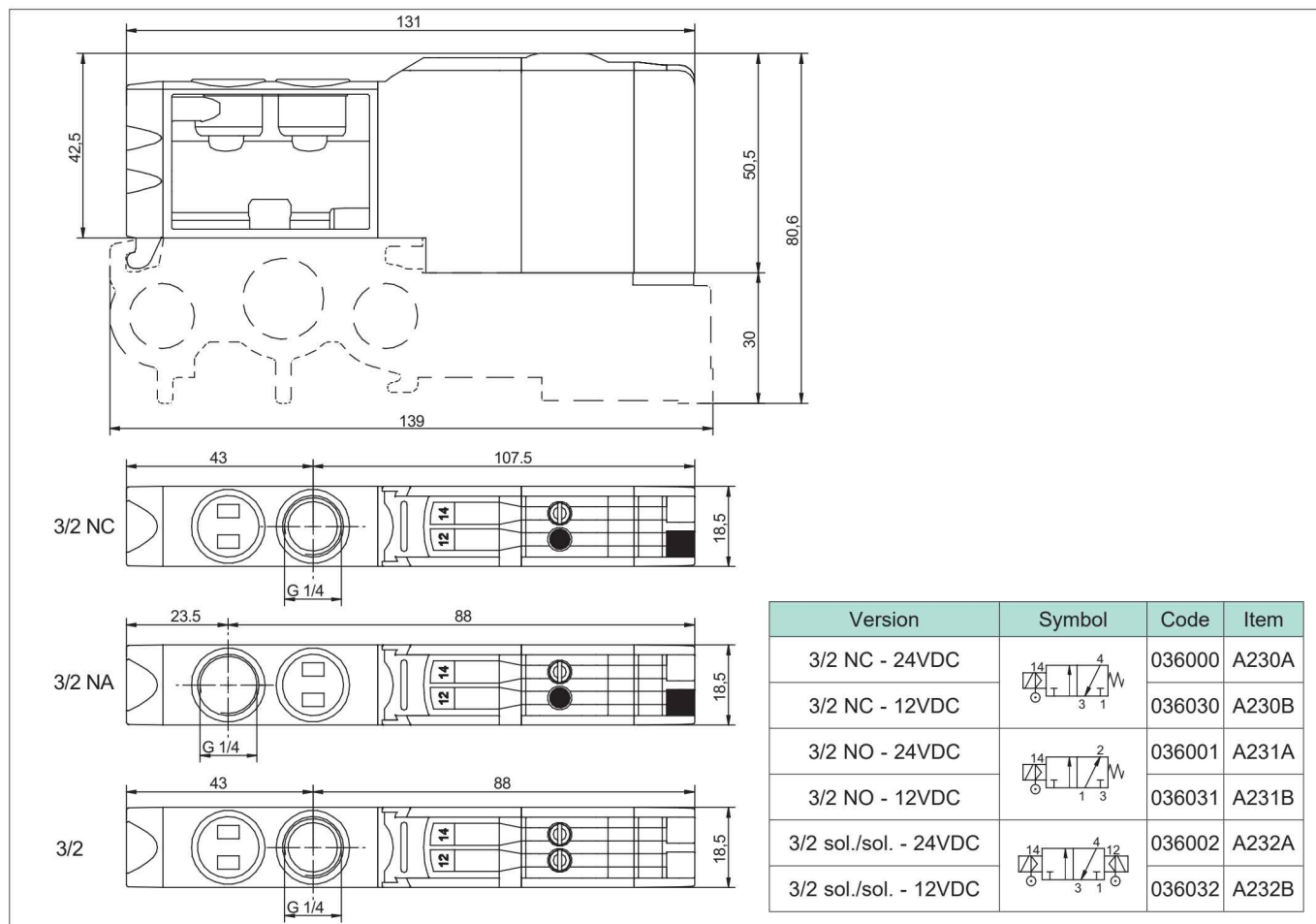
see page 2.105.7

| Series | Function                                                                                                                                                                                                                                                     | Voltage                |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| A2     | 30 = 3/2 NC                      70 = 5/3 CC<br>31 = 3/2 NO                    71 = 5/3 OC<br>32 = 3/2 solenoid/solenoid   72 = 5/3 PC<br>33 = 2-3/2 NC-NO<br>34 = 2-3/2 NC-NC<br>35 = 2-3/2 NO-NO<br>50 = 5/2 solenoid/spring<br>51 = 5/2 solenoid/solenoid | A = 24VDC<br>B = 12VDC |

| Technical data            |                                                                                                  |                                              |                      |                |
|---------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------|----------------|
| Fluid                     | Compressed filtered air with or without lubrication. Lubrication, if started, must be continued. |                                              |                      |                |
| Pressure range            | Max 7 bar                                                                                        |                                              |                      |                |
| Temperature range         | -5 °C ÷ + 50°C                                                                                   |                                              |                      |                |
| Minimum piloting pressure | Spring return: 2,5 bar                                                                           | Bistable: 1 bar                              | 3 positions: 2,5 bar | 2 - 3/2: 3 bar |
| Orifice                   | 7 mm                                                                                             |                                              |                      |                |
| Flow                      | 850 l/min at 6 bar with ΔP 1 bar                                                                 |                                              |                      |                |
| Mounting                  | In any position                                                                                  |                                              |                      |                |
| Manual override           | Push mono and two stable positions                                                               |                                              |                      |                |
| Electric control          | 24 VDC (standard)                                                                                |                                              | 12 VDC (on request)  |                |
| Electrical consumption    | 1.5 W                                                                                            |                                              | 1.4 W                |                |
| Duty cycle                | 100% ED                                                                                          |                                              | 100% ED              |                |
| LED                       | Red                                                                                              |                                              | Red                  |                |
| Materials                 | Body:                                                                                            | Die-cast painted aluminium                   |                      |                |
|                           | Covers:                                                                                          | PBT                                          |                      |                |
|                           | Spool:                                                                                           | Hard aluminium anodized                      |                      |                |
|                           | Distancers:                                                                                      | Aluminium                                    |                      |                |
|                           | Seals:                                                                                           | Hydrogenated Nitrile Butadiene Rubber (HNBR) |                      |                |

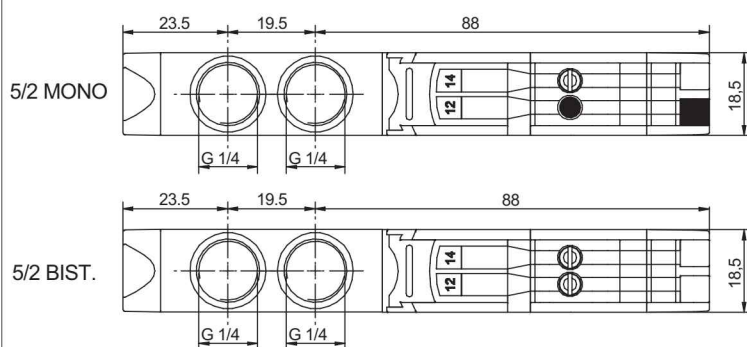
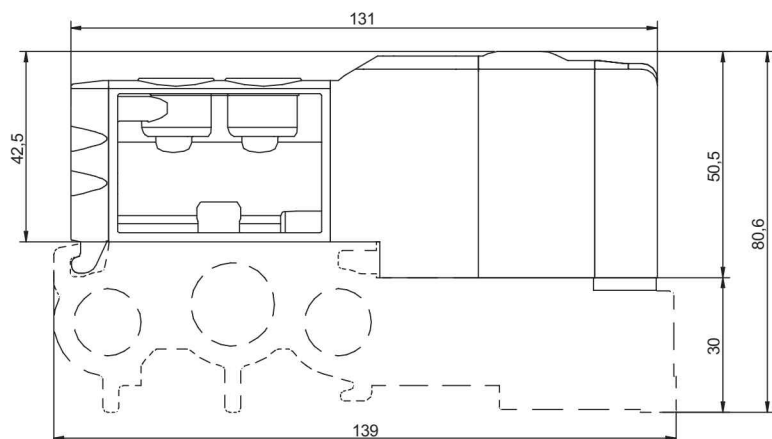
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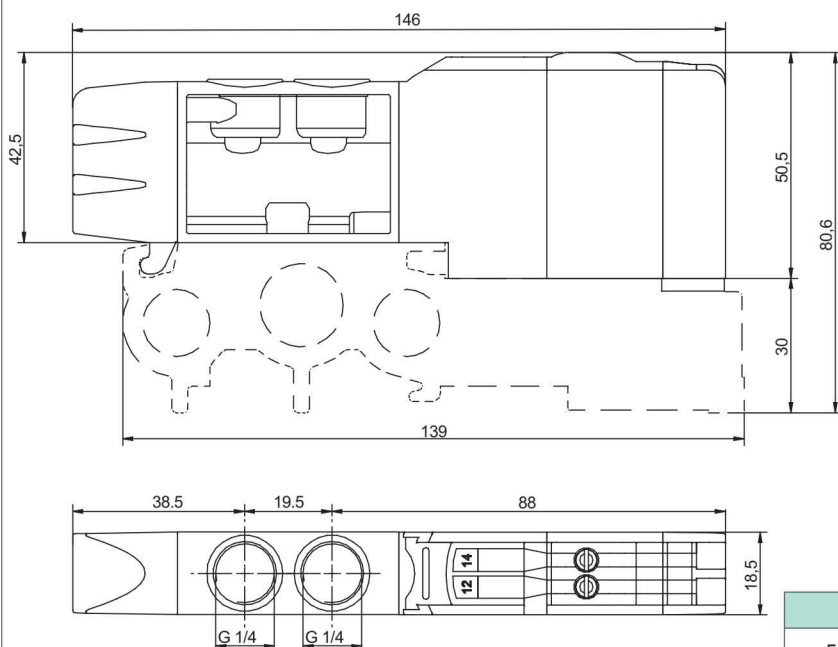


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| 5/2 sol./spring - 12VDC |        | 036033 | A250B |
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| 5/3 CC - 12VDC |        | 036035 | A270B |
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