

#### GENERAL DESCRIPTION / APPLICATIONS



Two way direct acting solenoid valve with spring return.

Suitable for gaseous and liquid media compatible with the (body/ seals) material used, vacuum.

Forged brass or stainless steel body.

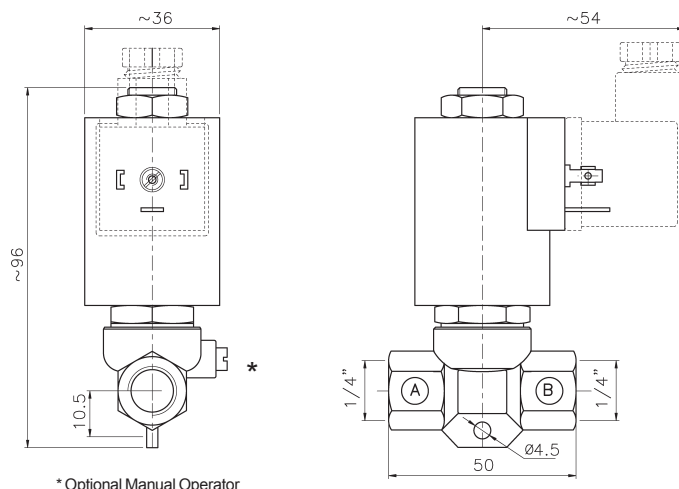
Stainless steel internal parts.

Stainless steel springs.

360° degrees orientable solenoid.

Mountable in any position.

#### DIMENSIONS (in mm)



#### ELECTRICAL INFORMATION

Continuous duty glass-reinforced nylon moulded coil with electrical connection suitable for DIN-43650A plug (2 poles+ground) or "faston" wire terminal.

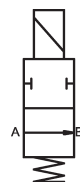
|                        |                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------|
| Coil type :            | B6                                                                                      |
| Insulation class:      | F (155°C) - H (180°C) upon request.                                                     |
| Winding wire class:    | H (180°C)                                                                               |
| Protection class:      | Waterproof IP-65 (EN60529 standards) when properly plug connected with DIN-43650A plug. |
| Duty:                  | Continuous (S.I.) 100% ED                                                               |
| Power consumption(1):  | Alternate current 11VA (inrush 28VA)<br>Direct current 11W                              |
| Voltage tolerance:     | ± 10%                                                                                   |
| Electrical Insulation: | >1000 MOhm                                                                              |
| Dielectrical Strength: | >2000 V/1"                                                                              |
| Standard voltages      | 12, 24, 48, 110, 115, 125, 220, 240 Volt                                                |
| DC= o AC~(50/60Hz):    | other voltages available upon request.                                                  |

#### OPERATION



L03 - Normally closed.

In: A  
Out: B  
Coil de-energized: A and B closed.  
Coil energized: from A to B.



L08 - Normally open.

In: A  
Out: B  
Coil de-energized: from A to B.  
Coil energized: A and B closed.

#### SPECIFICATIONS AND AVAILABLE OPTIONS

| MODEL                                |  | ORIFICE DIAMETER<br>mm |   | PRESSURES IN BAR <sub>(2)</sub> |                                           |                   |     |                 |     | Flow factor<br>kv<br>(liters/min.') | WEIGHT<br>Kg. |     |    |     |     |
|--------------------------------------|--|------------------------|---|---------------------------------|-------------------------------------------|-------------------|-----|-----------------|-----|-------------------------------------|---------------|-----|----|-----|-----|
|                                      |  |                        |   | BODY<br>RATING                  | MIN./MAX. OPERATING DIFFERENTIAL PRESSURE |                   |     |                 |     |                                     |               |     |    |     |     |
|                                      |  |                        |   |                                 | MIN.                                      | MAX. NORM. CLOSED |     | MAX. NORM. OPEN |     |                                     |               |     |    |     |     |
| Replace with L07 for N.O. model<br>↓ |  | a                      | b | c                               | d                                         | e                 |     |                 | AC~ | DC=                                 | AC~           | DC= |    |     |     |
| L 0 2                                |  | 0 8                    |   |                                 | P                                         |                   | 0,8 | 80              | 0   | 60                                  | 60            | 40  | 40 | 0,2 | 0,4 |
| L 0 2                                |  | 1 8                    |   |                                 | P                                         |                   | 1,8 | 80              | 0   | 40                                  | 35            | 14  | 14 | 1,2 | 0,4 |
| L 0 2                                |  | 2 5                    |   |                                 | P                                         |                   | 2,5 | 80              | 0   | 25                                  | 20            | 5   | 5  | 1,6 | 0,4 |
| L 0 2                                |  | 3 2                    |   |                                 | P                                         |                   | 3,2 | 80              | 0   | 14                                  | 10            | 3   | 3  | 1,8 | 0,4 |

suffix (options available upon request): <sup>(1)</sup> "LC" (low consumption), <sup>(2)</sup> "AP" (High pressure version)

| a Body material                              | b Port size                            | c Seals material                                                  | d Protection class                                                              | e Optional feature                                                           |
|----------------------------------------------|----------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| <b>T</b> Brass.<br><b>I</b> Stainless steel. | <b>C</b> 1/4" GAS<br><b>D</b> 1/4" NPT | <b>0</b> Buna N<br><b>1</b> FPM<br><b>3</b> PTFE<br><b>6</b> EPDM | <b>P</b> IP 65<br><br><i>when properly plug connected with DIN-43650A plug.</i> | <b>X</b> Stable manual operator.<br><br>Option available for NC models only. |