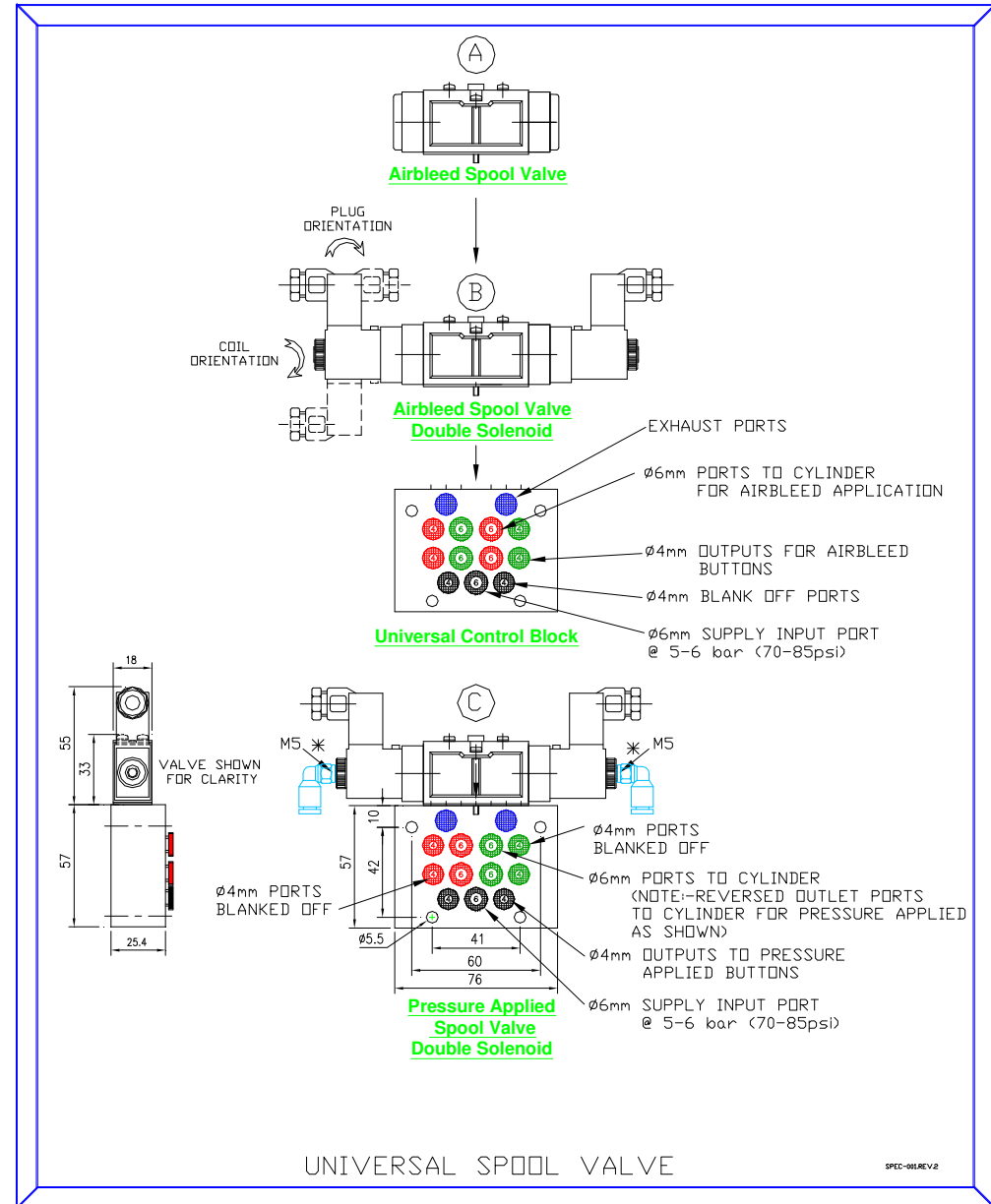


# UNIVERSAL SPOOL VALVE SPECIFICATION

## Key specification of the valve and solenoids

| Valve Specification |                        | Coil Specification               |                                 |
|---------------------|------------------------|----------------------------------|---------------------------------|
| Pressure Range      | 1.5 – 10 bar           | Removal coils                    | Quick replacement               |
| Sectional Area      | 16.0                   | <b>Voltage</b>                   | <b>24v -10% + 15% of rated</b>  |
| Response Time       | 25ms min               | voltage DC                       |                                 |
| Frequency           | 5c/sec                 | Coil test by TDS                 | 32 voltages over 10 hour period |
| Lubrication         | Not required           | Result                           | operation of valve unimpeded    |
| Manual Override     | Push Button            | Coil Insulation Class            | F-Class or equivalent           |
| Flow rate           | 900 LTR/M @ 5bar       | Holding Power                    | 2.5 Watt                        |
|                     |                        | Off min. Residual V              | 10% or less                     |
| <b>Materials</b>    |                        | <b>Plugs</b>                     |                                 |
| Valve Body          | Die-cast aluminium     | Fitted with power LED indication |                                 |
| Spool               | Aluminium              | Fitted with power suppression    |                                 |
| Seals               | NBR                    |                                  |                                 |
| Spring              | Stainless              |                                  |                                 |
| Cap                 | Zinc Pressure Die-Cast |                                  |                                 |
| Pilot Parts         | Glass Filled Nylon     | <b>Materials</b>                 |                                 |
| Armature            | Stainless Steel        | Moulding                         | Glass Pressure Nylon            |
| Armature Seals      | Viton                  | Indicator Cap                    | Polycarbonate                   |

| Item | Part No    | Description                                      | Valve |
|------|------------|--|-------|
| 1    | VAL001U    | Airbleed Spool Valve Assy                        | A     |
| 2    | VAL002U    | Airbleed D/Solenoid Spool Valve Assy 24v         | B     |
| 3    | VAL003U    | Pressure Applied D/Solenoid Spool Valve Assy 24v | C     |
| 4    | VAL027U    | Airbleed D/Solenoid Spool Valve Assy 12v         | B     |
| 5    | VAL028U    | Pressure Applied D/Solenoid Spool Valve Assy 12v | C     |
| 6    | VAL034U    | 24v Solenoid Coil                                |       |
| 7    | VAL035U    | 12v Solenoid Coil                                |       |
| 8    | VAL036U-RK | Pilot Spool Valve Repair Kit                     |       |
| 9    | ELE032U    | Solenoid Plug Led/Sup Type                       |       |
| 10   | FIT026     | M5 x 4mm Elbow Push In Fitting                   |       |
| A    | VAL029U    | Airbleed Pilot Valve                             |       |
| B    | VAL030U    | Airbleed D/Solenoid Pilot Valve 24v              |       |
| C    | VAL031U    | Pressure Applied D/Solenoid Pilot Valve 24v      |       |
| B1   | VAL032U    | Airbleed D/Solenoid Pilot Valve 12v              |       |
| C1   | VAL033U    | Pressure Applied D/Solenoid Pilot Valve 12v      |       |



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