

**ROTEX AUTOMATION EUROPE**

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*Engineering For The Future***DATASHEET**

<b>Type of Valve</b>	: 5/2 Internal Pilot Operated Single Solenoid Valve
<b>Ordering Code</b>	: 51440A-6-2G-B2-M0+III-24V-DC-39-H-01
<b>Item Code</b>	:
<b>Port Connection</b>	: 1/4" BSP(F)
<b>Orifice Size (mm)</b>	: 6 mm
<b>Flow Factor (kv)</b>	: 12 LPM
<b>Body Material</b>	: Extruded Brass with internal wetted parts of Brass, Stainless Steel 316
<b>Manual Override</b>	: Manual Override Not Provided
<b>Seat Seal Material</b>	: NBR
<b>Media</b>	: Air
<b>Main Pressure</b>	: 2 - 10 bar
<b>Media Temp Range</b>	: -25°C to +75°C
<b>Type of Solenoid</b>	: Flameproof Enclosure Ex d having integrated Terminals, Horizontal Cable Entry M20X1.5mm (F)
<b>Size of Coil</b>	: III
<b>Enclosure Material</b>	: Aluminium Cast Epoxy Powder coated
<b>Voltage</b>	: 24V DC (-20%, +20%)
<b>Power of Coil</b>	: 8 W
<b>Insulation Class</b>	: Class H
<b>Approval</b>	: CE - ATEX
<b>Coil Certificate nr.</b>	: ATEX TI22ATEX 278X
<b>Marking</b>	: Ex II 2GD Ex db IIC T6/ T5 Gb Ex tb IIIC T80°C/ T95°C Db, IP66/ IP67 -40 °C < Ta < 60 °C FOR T6 -40 °C < Ta < 70 °C FOR T5

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