



## EMERSON ASCO SOLENOID VALVE SERIES 356 BRASS

Direct Acting

8356C137S1V00FH  
3/2 N.C., 1/8" NPT, 0-4 bar, 0.13, FPM, 230V/50Hz,  
IP67,

- 3/2 Normally Closed, Open or Universal G1/8", G1/4", 1/8" NPT, 1/4" NPT
- FPM, EPDM, NBR
- Suitable To Shut Off Liquid & Gaseous Fluids
- Operating Pressure Differential: Up to 15 Bar
- IP67



### PRODUCT DESCRIPTION

The Emerson ASCO Series 356 Brass Solenoid Valve is a direct-acting 3/2 valve designed for high-performance fluid control in industrial environments. Available in Normally Closed, Normally Open, or Universal configurations, it features versatile port options including G1/8", G1/4", 1/8" NPT, and 1/4" NPT. The valve is built with durable sealing materials such as FPM, EPDM, and NBR, making it suitable to shut off a wide range of liquid and gaseous fluids. Its compact design and ability to handle operating pressure differentials up to 15 bar make it ideal for tight spaces and demanding control tasks. Engineered for reliability and adaptability, the 356 Brass solenoid valve is commonly used in industrial applications such as pneumatic systems, water treatment equipment, and analytical instrumentation. Its IP67 rating ensures strong protection against dust and water, enabling dependable operation even in harsh or washdown environments. Whether in automated manufacturing lines or process control systems, this valve delivers precise performance and long-lasting durability.

## TECHNICAL DATA

### GENERAL DATA

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Function                        | 3/2, Normally Closed (SPST)       |
| Connection                      | 1/8 NPT                           |
| Electrical connection           | DIN 46350 - 3 pole plug connector |
| Operating Pressure Differential | 0-4 bar                           |
| Flow factor / flow coefficient  | 0,13                              |
| Coil type                       | 20mm or 30mm                      |
| Voltage / Frequency             | 230V/50Hz                         |
| IP class                        | IP67                              |

### MATERIAL DATA

|               |       |
|---------------|-------|
| Material body | Brass |
|---------------|-------|

|                         |                         |
|-------------------------|-------------------------|
| Material of seals       | FPM                     |
| Material seat           | Brass                   |
| Material of core tube   | Stainless steel 303     |
| Material internal parts | Copper, Stainless steel |
| Encapsulation material  | thermoplastic           |

TEMPERATURE DATA

|                           |        |
|---------------------------|--------|
| Temperature ambient from  | -10 °C |
| Temperature ambient to    | 60 °C  |
| Temperature of media from | 0 °C   |
| Temperature of media to   | 130 °C |

ADDITIONAL DATA

|                   |                             |
|-------------------|-----------------------------|
| Power consumption | 3 - 9 W                     |
| Pressure max      | 15 bar                      |
| Response time     | 30 ms                       |
| Viscosity max     | 40 cSt                      |
| Continuous duty   | ED 100%                     |
| Insulation class  | F (155°C) pending H (180°C) |