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EMERSON ASCO SOLENOID VALVE SERIES 356 BRASS

Direct Acting

8356C136S1V00F0
3/2 N.C., 1/8" NPT, 0-6 bar, 0.1, FPM, 110V/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	0-6 bar
Flow factor / flow coefficient	0,1
Coil type	20mm or 30mm
Voltage / Frequency	110V/50 Hz
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)