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EMERSON ASCO SOLENOID VALVE SERIES 356 STAINLESS STEEL

Direct Acting

8356C144S1V00F0
3/2 N.C., 1/8" NPT, 0-15 bar, 0.05, 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

Emerson ASCO's 356 Series Stainless Steel Solenoid Valves are compact, direct-acting 3/2 valves designed for robust performance in a variety of industrial environments. Available in Normally Closed, Normally Open, or Universal configurations, they feature connection sizes including G1/8", G1/4", 1/8" NPT, and 1/4" NPT, with sealing options in FPM, EPDM, or NBR. These valves are suitable to shut off both liquid and gaseous fluids and operate with a pressure differential of up to 15 bar. Their IP67-rated protection ensures reliable operation even in harsh conditions, making them ideal for environments exposed to dust, moisture, or washdowns.
These solenoid valves are widely used across industries such as automotive, packaging, food and beverage, water treatment, and pharmaceutical processing. In these sectors, they are commonly employed to control the flow of air, water, inert gases, and light oils—managing tasks like actuating cylinders, filling and draining processes, or isolating system components. Thanks to their compact size, durable stainless steel construction, and flexible mounting options, the ASCO 356 Series offers a reliable and efficient solution for demanding industrial automation and fluid control applications.

TECHNICAL DATA

GENERAL DATA

Function	3/2, Normally Closed
Connection	1/8 NPT
Electrical connection	DIN 46350 - 3 pole plug connector
Operating Pressure Differential	0-15 bar
Flow factor / flow coefficient	0,05
Coil type	20mm or 30mm
Voltage / Frequency	110v/50 Hz
IP class	IP67

MATERIAL DATA

Material body	Stainless steel 316

Material of seals	FPM
Material seat	Stainless steel
Material of core tube	Stainless steel
Material internal parts	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)