OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

EMERSON ASCO SOLENOID VALVE SERIES 256 BRASS

Direct Acting

G256C134S1V00F1
2/2 N.C., G1/8", 0-20 bar, 0.051, FPM, 24VDC, IP67

- 2/2 Normally Closed or Open G1/8", G1/4", 1/8" NPT, 1/4" NPT
- FPM, EPDM, NBR, RUBY & HNBR Seals Available
- Suitable To Shut Off Liquid & Gasesous Fluids
- Operating Pressure Differential: Up to 30 Bar
- IP67

PRODUCT DESCRIPTION

Emerson ASCO's 256 Series Brass Solenoid Valves are compact, direct-acting 2/2 valves, available in both normally closed and normally open configurations. With a range of port sizes including G1/8", G1/4", 1/8" NPT, and 1/4" NPT, they offer flexible integration into various system designs. The availability of multiple seal materials—FPM, EPDM, NBR, RUBY, and HNBR—makes them adaptable to a wide variety of fluid types and temperatures. These valves are ideal for precise control in demanding applications, offering high performance in industries such as automotive, HVAC, packaging, food and beverage, and water treatment.
Designed to shut off both liquid and gaseous fluids, the 256 Series operates efficiently with pressure differentials up to 30 bar. Its robust brass construction and IP67-rated protection ensure durability and resistance to environmental factors like dust and water ingress, making it suitable for use in harsh industrial environments. With a compact footprint and standard manual override, the valve supports easy installation and maintenance, helping to maximise uptime in critical applications.

TECHNICAL DATA

GENERAL DATA

Function	2/2, Normally Closed
Connection	G1/8
Electrical connection	DIN 46350 - 3 pole plug connector
Operating Pressure Differential	0-20 bar
Flow factor / flow coefficient	0,051
Voltage / Frequency	24 VDC
IP class	IP67

MATERIAL DATA

Material body	Brass

Material of seals	FPM
Material seat	Brass
Material of core tube	Stainless steel
Material internal parts	Brass, Stainless steel, Copper
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	3.5 W
Response time	20 ms
Viscosity max	40 cSt
Insulation class	F (155°C) pending H (180°C)
Weight	0.116 kg

Throughput	1.2 mm
Flow max	0.85 l/min
Manual operation	No