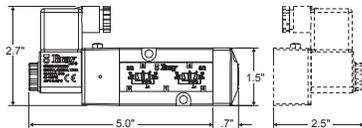
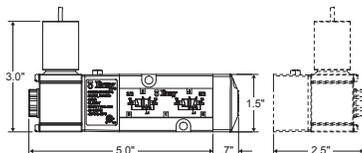


DIMENSIONS

DIN Solenoid



NEMA Solenoid



Note: Some dimensions may vary depending on model.

FEATURES

- Compact and modular design
- Pilot operated spool control valve
- Convertible from 3-way (3/2) to 4-way (5/2)
- Mechanical manual override

TECHNICAL DATA

Materials of Construction

Body	Anodized Aluminum
Spring	Phosphate treated black steel
Shading Coil	Copper
Seals	NBR + PUR
Core / Tube	Stainless / Brass
End Covers & Plate	6/6 glass filled polyamide (PA/FV)
Spool	Aluminum
Internal Parts	Zamak, Steel, Acetal

General Specifications

Mounting	NAMUR VDI/VDE 3845, hardware included
Pneumatic Ports	1/4" NPT G1/4 available for DIN Models
Media	Filtered Air or Inert Gas
Connections	NPT flying leads or DIN Form B Type I connections offered, both available with single and dual coils
Electrical Connections	NEMA Housings: 1/2" NPT connection and flying leads DIN Housing: Cable Gland PG9 and M15 threaded connector
Coil Temperature Rating	Insulation Class "F", Max. 311°F [155°C]
General Purpose (watertight)	NEMA 4, 4X (Flying Leads) IP65 (DIN coil)

Model Specifications

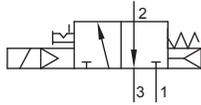
	High-flow	UL-Recognized
Hazardous Locations (Optional)	—	NEMA 7, 9 Class I, Division 1 (Groups A-D) Class II, Division 1 (Groups E-G)
Temperature Range	-13°F to +140°F [-25°C to +60°C]	AC: -13°F to +140°F [-25°C to +60°C] DC: -13°F to +77°F [-25°C to +25°C]
Coil Voltage	Flying Leads & DIN 24, 110, 220 VAC, 50-60 HZ; 12, 24 VDC	Flying Leads: 24, 120, 220 VAC, 50-60 HZ; 12, 24 VDC DIN: 24, 120, 240 VAC, 50-60 HZ; 24 VDC
Nominal Power	4.5VA (24VAC); 6VA (110VAC); 7.5VA (220VAC); 4.5W (12 VDC); 3W (24VDC)	Flying Leads: 7VA (AC); 6.9W (DC) DIN: 3.5VA (AC); 3.0W (DC)
Flow Coefficient (1/4" pipe)	Cv=1.4	Cv=0.7
Operating Pressure	Min. 22 psi [1.5 bar] Max. 130 psi [9 bar]	Min. 30 psi [2 bar] Max. 130 psi [9 bar]
Operating Speed	5 cycles per minute	10 cycles per minute
Certifications	cCSAus (Flying Leads), CE (DIN coil)	UL, CSA, CE (DIN coil)

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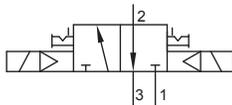
PNEUMATIC SCHEMATICS

3/2 Operation

Single Coil

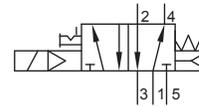


Dual Coil

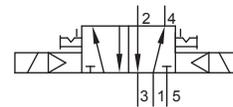


5/2 Operation

Single Coil

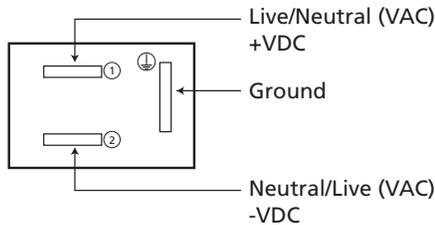


Dual Coil

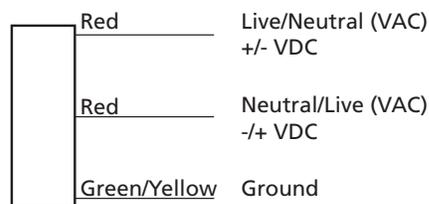


ELECTRICAL CONNECTION

DIN 43650B



Flying Leads



ACCESSORIES

Connector	Description
600250-71106533	Form B Type I Plug Connector (DIN 43650) with Cable Gland PG9
600500-71106533	Form B Type I Plug Connector (DIN 43650) with 1/2" NPT Female Connection
090004-76146533	Form B Type I Plug Connector (DIN 43650), LED and Surge Protected 110-220 VAC, to Flying Leads, 4 meters
090004-76147533	Form B Type I Plug Connector (DIN 43650), LED and Surge Protected 24-30 VDC, to Flying Leads, 4 meters
600250-23663536	Y-Connector Cordset - Form B Type I Plug Connector (DIN 43650) to M12 female straight connector (4-pin sensor side) AND M12 male straight connector (5-pin system side)
600250-23667536	Y-Connector Cordset - Form B Type I Plug Connector (DIN 43650) to 7/8" female straight connector (5-pin sensor side) AND 7/8" male straight connector (6-pin system side)
090001-76159882	S-Connector Cordset - Form B Type I Plug Connector (DIN 43650) to M12 male right angle (2-pins + PE), 0.6 meters

HEADQUARTERS

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