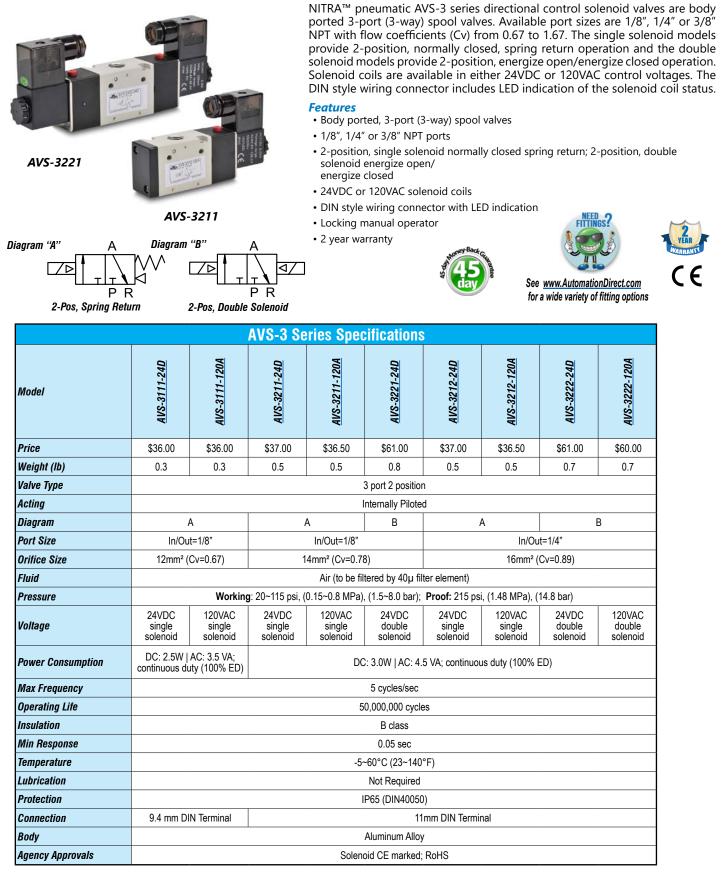
### PNEUMATICS Pneumatic Directional Control Solenoid Valves – AVS-3 Series





### Pneumatic Directional Control Solenoid Valves – AVS-3 Series

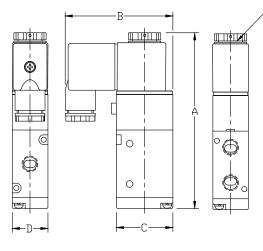
		AVS-3 S	Series Spec	ifications								
Model	AVS-3312-24D	AVS-3312-120A	AVS-3322-24D	AVS-3313-24D	AVS-3313-120A	AVS-3323-24D	AVS-3323-120A					
Price	\$52.00	\$52.00	\$81.00	\$52.00	\$52.00	\$81.00	Retired					
Weight (lb)	0.7	0.7	0.9	0.7	0.7	0.9	0.9					
Valve Type				3 port 2 position								
Acting		Internally Piloted										
Diagram		A B A B										
Port Size		In/Out=1/4"			In/Ou	t=3/8"						
Orifice Size		16mm <sup>2</sup> (Cv=1.39)			25mm² (	Cv=1.67)						
Fluid			Air (to be	filtered by 40µ filte	r element)							
Pressure		Working: 20~115	psi, (0.15~0.8 MP	a), (1.5~8.0 bar); <b>F</b>	<b>Proof:</b> 215 psi, (1.4	8 MPa), (14.8 bar)						
Voltage	24VDC single solenoid	120VAC single solenoid	24VDC double solenoid	24VDC single solenoid	120VAC single solenoid	24VDC double solenoid	120VAC double solenoid					
Power Consumption			DC: 3.0W   AC:	4.5 VA; continuous	duty (100% ED)							
Max Freq				5 cycles/sec								
Insulation				B class								
Min Response				0.05 sec								
Temperature			-	5~60°C (23~140°F	.)							
Lubrication				Not Required								
Protection				IP65 (DIN40050)								
Connection				11mm DIN Termina	I							
Body				Aluminum Alloy								
Agency Approvals			Sole	noid CE marked; R	oHS							

·Ε

### Dimensions

mm [inches]

AVS-311x, AVS-321x, AVS-331x



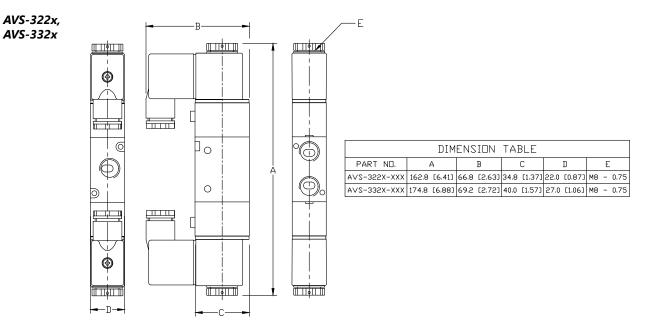
DIMENSION TABLE											
PART ND.	RTND. A B C D E										
AVS-311X-XXX	88.4 [3.48]	54.6 [2.15]	27.0 [1.06]	18.0 [0.71]	M7 - 0.5						
AVS-321X-XXX	109.0 [4.29]	66.7 [2.63]	35.0 [1.38]	22.0 [0.87]	M8 - 0.75						
AVS-331X-XXX	119.8 [4.72]	69.1 [2.72]	40.0 [1.57]	27.0 [1.06]	M8 - 0.75						

See our website www.AutomationDirect.com for complete Engineering drawings.

# PNEUMATICS Valves – AVS-3 Series

### Dimensions

mm [inches]



See our website www.AutomationDirect.com for complete Engineering drawings.

SPL Series



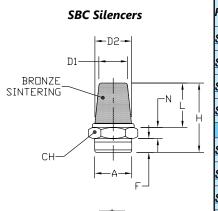
### **Exhaust Silencers**

SBC Series

NITRA<sup>™</sup> exhaust silencers are available in three styles and nine popular NPT and BSPT sizes. Add these to the exhaust ports of NITRA directional control solenoid valves to reduce noise.

#### Features

- Inch and metric sizes available
- Bronze cone and flat styles
- Plastic cylindrical
- Maximum pressure = 150 psi (10 bar)



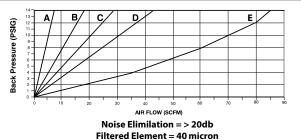
### Flow Characteristics

#### **Bronze Cone Silencers**

A: :	SBC-N	15		
B: :	SBC-1	8N; \$	SBC-1	8R
C: :	SBC-1	4N; \$	SBC-1	4R
D: :	SBC-3	8N; \$	SBC-3	8R
E: \$	SBC-1	2N; S	SBC-1	2R

		N	IITR/	<b>∖™ B</b>	ronz	e Co	ne Si	ilenc	ers		
			Inch	Sizes -	dimen	isions i	in inche	es [mm	]		
Part No.	Price	A	CH	D1	D2	F	H	L	N	Package Weight (lb)	Qty. per pack
<u>SBC-18N</u>	\$3.50	MNPT 1/8	0.47 [12.0]	0.32 [8.0]	0.28 [7.0]	0.24 [6.0]	0.94 [24.0]	0.55 [14.0]	0.16 [4.0]	0.01	
<u>SBC-14N</u>	\$4.75	MNPT 1/4	0.63 [16.0]	0.47 [12.0]	0.40 [10.0]	0.32 [8.0]	1.18 [30.0]	0.71 [18.0]	0.16 [4.0]	0.01	2
<u>SBC-38N</u>	\$6.75	MNPT 3/8	0.71 [18.0]	0.55 [14.0]	0.39 [11.0]	0.35 [9.0]	1.38 [35.0]	0.83 [21.0]	0.197 [5.0]	0.05	2
<u>SBC-12N</u>	\$12.50	MNPT 1/2	0.94 [24.0]	0.75 [19.0]	0.59 [15.0]	0.40 [10.0]	1.73 [44.0]	1.10 [28.0]	0.24 [6.0]	0.15	
			Metri	c Sizes	- dime	nsions	in incl	hes [mi	n]		
<u>SBC-M5</u>	\$2.50	M5	0.31 [8.0]	0.20 [5.0]	0.16 [4.0]	0.20 [5.0]	0.79 [20.0]	0.47 [12.0]	0.12 [3.0]	0.01	
<u>SBC-18R</u>	\$3.50	R 1/8	0.47 [12.0]	0.32 [8.0]	0.28 [7.0]	0.24 [6.0]	0.94 [24.0]	0.55 [14.0]	0.16 [4.0]	0.01	
<u>SBC-14R</u>	\$4.00	R 1/4	0.63 [16.0]	0.47 [12.0]	0.40 [10.0]	0.32 [8.0]	1.18 [30.0]	0.71 [18.0]	0.16 [4.0]	0.01	2
<u>SBC-38R</u>	\$6.00	R 3/8	0.71 [18.0]	0.55 [14.0]	0.39 [11.0]	0.35 [9.0]	1.38 [35.0]	0.83 [21.0]	0.197 [5.0]	0.05	
<u>SBC-12R</u>	\$10.50	R 1/2	0.94 [24.0]	0.75 [19.0]	0.59 [15.0]	0.40 [10.0]	1.73 [44.0]	1.10 [28.0]	0.24 [6.0]	0.15	

SBF Series



NITRA<sup>™</sup> Bronze Flat Silencers Inch Sizes - dimensions in inches [mm] Package Weight Qty. per Part No. Price A СН F L N (lb) pack 0.47 MNPT 0.24 0.47 0.16 SBF-18N \$3.50 0.01 1/8 [12.0] [6.0] [12.0] [4.0] MNPT 0.16 0.67 0.32 0 59 SBF-14N \$4.25 0.01 1/4 [17.0] [8.0] [15.0] [4.0] 2 MNPT 0.75 0.35 0.67 0.20 SBF-38N \$7.25 0.05 3/8 [19.0] [9.0] [17.0] [5.0] MNPT 0.94 0.40 0.71 0.24 SBF-12N \$11.00 0.15 [24.0] [10.0] [18.0] [6.0] 1/2 Metric Sizes - dimensions in inches [mm] 0.31 0.20 0.35 0.12 SBF-M5 \$2.50 M5 0.01 [5.0] [8.0] [9.0] [3.0] 0.47 0.24 0.47 0.16 <u>SBF-18R</u> \$3.50 R 1/8 0.01 [12.0] [12.0] [4.0] [6.0] 0.67 0.32 0.59 0.16 <u>SBF-14R</u> \$4.00 R 1/4 0.01 2 [17.0] [8.0] [15.0] [4.0] 0.75 0.35 0.67 0.20 SBF-38R \$6.25 R 3/8 0.05 [19.0] [9.0] [17.0] [5.0] 0.94 0.40 0.71 0.24

[10.0]

[18.0]

[6.0]

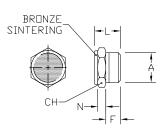
\$11.00

R 1/2

[24.0]

SBF-12R

**SBF** Silencers



0.15

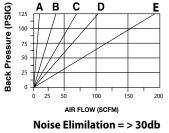


### **Exhaust Silencers**

### **Flow Characteristics**

### **Bronze Flat Silencers**

A: SBF-M5 B: SBF-18N; SBF-18R C: SBF-14N; SBF-14R D: SBF-28N; SBF-38R E: SBF-12N; SBF-12R

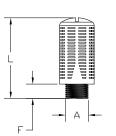


Filtered Element = 40 micron

#### **SPL Silencers**



D



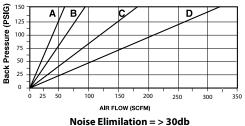
Note: SPL series plastic exhaust silencers have a maximum pressure of 80 PSI (5.5 bar).

### **Flow Characteristics**

**Plastic Silencers** 

A: SPL-18N; SPL-18R B: SPL-14N; SPL-14R C: SPL-38N; SPL-38R D: SPL-12N; SPL-12R

	NITRA™ Plastic Exhaust Silencers											
		nch Sizes	s - dimen	sions in il	nches [n	nm]						
Part No.	Price	A	D	L	F	Package Weight (lbs)	Qty. per pack					
<u>SPL-18N</u>	\$2.75	MNPT 1/8	0.55 [13.8]	1.28 [32.4]	0.33 [8.3]	0.02						
<u>SPL-14N</u>	\$3.00	MNPT 1/4	0.68 [17.3]	1.68 [42.5]	0.39 [9.9]	0.03	2					
<u>SPL-38N</u>	\$3.50	MNPT 3/8	0.87 [22.0]	2.10 [53.4]	0.40 [10.0]	0.06	2					
<u>SPL-12N</u>	\$3.50	MNPT 1/2	1.00 [25.4]	2.66 [67.6]	0.44 [11.1]	0.08						
	N	letric Size	es - dime	nsions in	inches [	mm]						
<u>SPL-18R</u>	\$2.75	R 1/8	0.60 [15.2]	1.33 [33.7]	0.24 [6.1]	0.02						
<u>SPL-14R</u>	\$3.00	R 1/4	0.60 [18.8]	1.60 [40.6]	0.31 [7.7]	0.03	2					
<u>SPL-38R</u>	\$3.50	R 3/8	0.94 [24.0]	2.20 [55.9]	0.39 [9.9]	0.06	2					
<u>SPL-12R</u>	\$3.50	R 1/2	0.94 [24.0]	2.20 [55.9]	0.39 [9.9]	0.08						







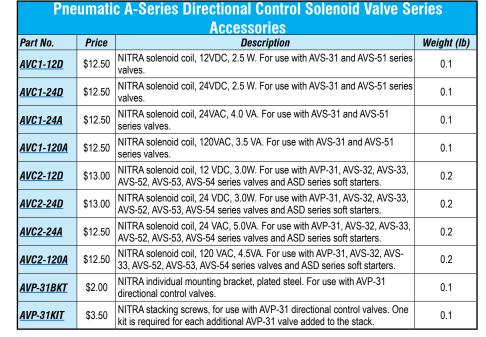
### **Pneumatic A-Series Direction Control Solenoid Valves - Accessories**



AVC1-12D



AVC2-12D



33.6 [1.32]



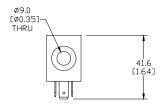
Dimensions

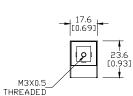
AVP-31BKT

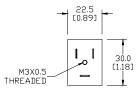


AVP-31KIT



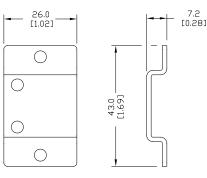






**AVC1** Series Coils

**AVC2** Series Coils



See our website www.AutomationDirect.com for complete Engineering drawings.

AVP-31BKT





### Pneumatic Directional Control Solenoid Valve Manifolds and Accessories



AM-3 Series Manifolds



<u>AM-31BP</u>

Pneu	natic	Directional Control Solenoid Valve Series Acces	sories
Part No.	Price	Description	Weight (lb)
<u>AM-312</u>	\$25.50	NITRA pneumatic valve manifold, aluminum, 2 stations, (2) 1/4in FNPT inlet port(s), (2) 1/4in FNPT exhaust port(s). For use with AVS-31 series.	0.2
<u>AM-314</u>	\$37.00	NITRA pneumatic valve manifold, aluminum, 4 stations, (2) 1/4in FNPT inlet port(s), (2) 1/4in FNPT exhaust port(s). For use with AVS-31 series.	0.3
<u>AM-316</u>	\$44.50	NITRA pneumatic valve manifold, aluminum, 6 stations, (2) 1/4in FNPT inlet port(s), (2) 1/4in FNPT exhaust port(s). For use with AVS-31 series.	0.4
<u>AM-318</u>	\$59.00	NITRA pneumatic valve manifold, aluminum, 8 stations, (2) 1/4in FNPT inlet port(s), (2) 1/4in FNPT exhaust port(s). For use with AVS-31 series.	0.5
<u>AM-31BP</u>	\$5.25	NITRA blanking plate, plated steel. For use with AM-31 series manifolds.	0.1
<u>AM-322</u>	\$24.00	NITRA pneumatic valve manifold, aluminum, 2 stations, (2) 1/4in FNPT inlet port(s), (2) 1/4in FNPT exhaust port(s). For use with AVS-32 series.	0.2
<u>AM-324</u>	\$41.50	NITRA pneumatic valve manifold, aluminum, 4 stations, (2) 1/4in FNPT inlet port(s), (2) 1/4in FNPT exhaust port(s). For use with AVS-32 series.	0.4
<u>AM-326</u>	\$60.00	NITRA pneumatic valve manifold, aluminum, 6 stations, (2) 1/4in FNPT inlet port(s), (2) 1/4in FNPT exhaust port(s). For use with AVS-32 series.	0.5
<u>AM-328</u>	\$77.00	NITRA pneumatic valve manifold, aluminum, 8 stations, (2) 1/4in FNPT inlet port(s), (2) 1/4in FNPT exhaust port(s). For use with AVS-32 series.	0.7
<u>AM-32BP</u>	\$5.25	NITRA blanking plate, plated steel. For use with AM-32 series manifolds.	0.1
<u>AM-332</u>	\$26.50	NITRA pneumatic valve manifold, aluminum, 2 stations, (2) 3/8in FNPT inlet port(s), (2) 3/8in FNPT exhaust port(s). For use with AVS-33 series.	0.4
<u>AM-334</u>	\$48.00	NITRA pneumatic valve manifold, aluminum, 4 stations, (2) 3/8in FNPT inlet port(s), (2) 3/8in FNPT exhaust port(s). For use with AVS-33 series.	0.6
<u>AM-336</u>	\$85.00	NITRA pneumatic valve manifold, aluminum, 6 stations, (2) 3/8in FNPT inlet port(s), (2) 3/8in FNPT exhaust port(s). For use with AVS-33 series.	0.9
<u>AM-338</u>	\$90.00	NITRA pneumatic valve manifold, aluminum, 8 stations, (2) 3/8in FNPT inlet port(s), (2) 3/8in FNPT exhaust port(s). For use with AVS-33 series.	1.1
<u>AM-33BP</u>	\$5.75	NITRA blanking plate, plated steel. For use with AM-33 series manifolds.	0.1
<u>AM-512</u>	\$13.00	NITRA pneumatic valve manifold, aluminum, 2 stations, (2) 1/4in FNPT inlet port(s), (4) 1/4in FNPT exhaust port(s). For use with AVS-51 series.	0.4
<u>AM-514</u>	\$23.50	NITRA pneumatic valve manifold, aluminum, 4 stations, (2) 1/4in FNPT inlet port(s), (4) 1/4in FNPT exhaust port(s). For use with AVS-51 series.	0.6
<u>AM-516</u>	\$33.50	NITRA pneumatic valve manifold, aluminum, 6 stations, (2) 1/4in FNPT inlet port(s), (4) 1/4in FNPT exhaust port(s). For use with AVS-51 series.	0.8
<u>AM-518</u>	\$46.50	NITRA pneumatic valve manifold, aluminum, 8 stations, (2) 1/4in FNPT inlet port(s), (4) 1/4in FNPT exhaust port(s). For use with AVS-51 series.	1.1
<u>AM-51BP</u>	\$6.50	NITRA blanking plate, plated steel. For use with AM-51 series manifolds.	0.1
<u>AM-522</u>	\$17.50	NITRA pneumatic valve manifold, aluminum, 2 stations, (2) 1/4in FNPT inlet port(s), (4) 1/4in FNPT exhaust port(s). For use with AVS-52 series.	0.5
<u>AM-524</u>	\$34.00	NITRA pneumatic valve manifold, aluminum, 4 stations, (2) 1/4in FNPT inlet port(s), (4) 1/4in FNPT exhaust port(s). For use with AVS-52 series.	0.9
<u>AM-526</u>	\$48.50	NITRA pneumatic valve manifold, aluminum, 6 stations, (2) 1/4in FNPT inlet port(s), (4) 1/4in FNPT exhaust port(s). For use with AVS-52 series.	1.2
<u>AM-528</u>	\$66.00	NITRA pneumatic valve manifold, aluminum, 8 stations, (2) 1/4in FNPT inlet port(s), (4) 1/4in FNPT exhaust port(s). For use with AVS-52 series.	1.5
<u>AM-52BP</u>	\$7.00	NITRA blanking plate, plated steel. For use with AM-52 series manifolds.	0.1



### Pneumatic Directional Control Solenoid Valve Manifolds and Accessories



AM-5 Series Manifolds



<u>AM-31GS</u>

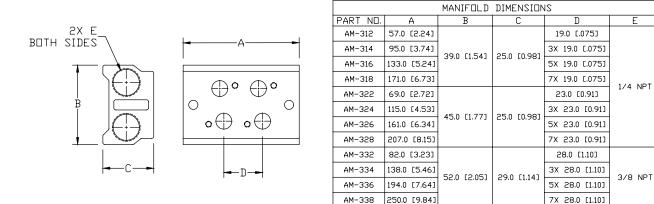
Pneu	matic I	Directional Control Solenoid Valve Series Access Continued	sories
Part No.	Price	Description	Weight (lb)
<u>AM-532</u>	\$23.00	NITRA pneumatic valve manifold, aluminum, 2 stations, (2) 3/8in FNPT inlet port(s), (4) 3/8in FNPT exhaust port(s). For use with AVS-53 series.	0.8
<u>AM-534</u>	\$46.00	NITRA pneumatic valve manifold, aluminum, 4 stations, (2) 3/8in FNPT inlet port(s), (4) 3/8in FNPT exhaust port(s). For use with AVS-53 series.	1.4
<u>AM-536</u>	\$69.00	NITRA pneumatic valve manifold, aluminum, 6 stations, (2) 3/8in FNPT inlet port(s), (4) 3/8in FNPT exhaust port(s). For use with AVS-53 series.	1.9
<u>AM-538</u>	\$92.00	NITRA pneumatic valve manifold, aluminum, 8 stations, (2) 3/8in FNPT inlet port(s), (4) 3/8in FNPT exhaust port(s). For use with AVS-53 series.	2.5
<u>AM-53BP</u>	\$7.00	NITRA blanking plate, plated steel. For use with AM-53 series manifolds.	0.1
<u>AM-542</u>	\$30.50	NITRA pneumatic valve manifold, aluminum, 2 stations, (2) 1/2in FNPT inlet port(s), (4) 1/2in FNPT exhaust port(s). For use with AVS-54 series.	1.7
<u>AM-544</u>	\$62.00	NITRA pneumatic valve manifold, aluminum, 4 stations, (2) 1/2in FNPT inlet port(s), (4) 1/2in FNPT exhaust port(s). For use with AVS-54 series.	2.8
<u>AM-546</u>	\$95.00	NITRA pneumatic valve manifold, aluminum, 6 stations, (2) 1/2in FNPT inlet port(s), (4) 1/2in FNPT exhaust port(s). For use with AVS-54 series.	4.0
<u>AM-548</u>	\$114.00	NITRA pneumatic valve manifold, aluminum, 8 stations, (2) 1/2in FNPT inlet port(s), (4) 1/2in FNPT exhaust port(s). For use with AVS-54 series.	5.2
<u>AM-54BP</u>	\$7.00	NITRA blanking plate, plated steel. For use with AM-54 series manifolds.	0.1
<u>AM-31GS</u>	\$5.50	NITRA manifold mounting set, for use with AM-31 series manifolds.	0.1
<u>AM-32GS</u>	\$6.25	NITRA manifold mounting set, for use with AM-32 series manifolds.	0.1
<u>AM-33GS</u>	\$6.25	NITRA manifold mounting set, for use with AM-33 series manifolds.	0.1
<u>AM-51GS</u>	\$5.50	NITRA manifold mounting set, for use with AM-51 series manifolds.	0.1
<u>AM-52GS</u>	\$6.25	NITRA manifold mounting set, for use with AM-52 series manifolds.	0.1
<u>AM-53GS</u>	\$6.25	NITRA manifold mounting set, for use with AM-53 series manifolds.	0.1
<u>AM-54GS</u>	\$6.50	NITRA manifold mounting set, for use with AM-54 series manifolds.	0.1

### Pneumatic Directional Control Solenoid Valve Manifolds and Accessories

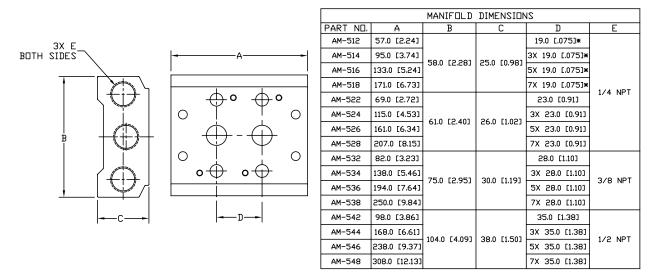
### **Dimensions**

mm [inches]

### AM 3x Series Manifolds



#### AM 5x Series Manifolds



\* Exhaust holes have 1mm offset from spacing centerline.

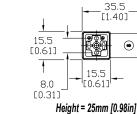
See our website www.AutomationDirect.com for complete Engineering drawings.

# Solenoid Valve Cables and Connectors



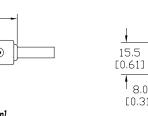
8mm Connectors





Connector with Cable

**Features** 



Suppression and LED indication available in 24V or 110V AC/DC models
PVC jacketed cables in 1, 3 or 5 meter lengths on select connectors

• Polarity insensitive (follow solenoid, sensor, or other devices wiring diagram)

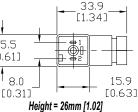
These high quality connectors and over-molded cables help reduce wiring time. The lower voltage models, 24V or 110V AC/DC, include built-in surge suppression, Yellow LED indicator and are rated for connecting with electronics. The 230V AC/DC models are rated for straight wired products.

All models are available in five sizes based on DIN 43650.

• 8mm, 9.4mm, 10mm, 11mm and 18mm square DIN styles

• Fits most popular solenoid valves and sensors

• Field wireable connectors on select models



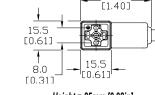
Field Wireable Connector

					00111							
				8mm	(3-pole) C	onnecto	rs (p	er DIN 43650 Fo	rm C)			
Part No.	Price	Voltage (AC/DC)	Current Rating	IP Rating	Wire Size	Cable Dia. (in.)	LED	Surge Protection	Wiring Figure	Screw Size/ Torque	Weight (lbs)	Agency Approva
<u>SC8-LS24-3</u>	\$15.50	24 ±20%						zener diode	1	m2.5-	0.40	
<u>SC8-LS24-5</u>	\$18.50	24 ±20%	max 4A		18 AWG	0.23	yes	(D-Z DO-15 47V 2W)	I	0.45x25mm/ 0.4 Nm (3.5 in lb)	0.65	CSA (080128-0-000)
<u>SC8-LS110-3</u>	\$19.00	110 ±10%	-	67				zener diode	7		0.41	
<u>SC8-LS110-5</u>	\$22.00	110 ± 10%						(D-Z DO-41 ZY200 2W)	1	(3.5 III II)	0.63	
<u>SC8-3</u>	\$12.50			]					2		0.39	
<u>SC8-0</u>	\$8.75	230	max 6A	65	Solid 12 AWG Stranded 14 AWG w/Ferrule 16 AWG	field wireable gland size 0.20 to 0.24	no	none	9	m2.5- 0.45x25mm/ 0.5 Nm (4.4 in lb)	0.10	none
<u>SC8-1</u>	\$19.00			67	19 000	0.02			2	(	0.10	1
<u>SC8-5</u>	\$17.50			0/	18 AWG	0.23			2		0.68	

Last digit in part number denotes cable length in meters, a 0 indicates field termination.

#### 8mm Transmitter Connector

Dimensions shown mm [inches]



Height = 25mm [0.98in]

35.5

Connector with Cable

	8mm (4-pole) Connectors (per DIN 43650 Form C)													
Part No.	Price	Voltage (AC/DC)	Current Rating	IP Rating	Wire Size	Cable Dia. (in.)	LED	Surge Protection	Wiring Figure	Screw Size/ Torque	Weight (lbs)	Agency Approval		
<u>SC8-5T</u>	\$23.50	230	max 6A	67	18 AWG	0.26	yes	none	8	m3-0.5x42mm/ 0.5 Nm (4.4 in lb)	0.80	CSA (080128-0- 000)		

Last numeric digit in part number denotes cable length in meters, a 0 indicates field termination.

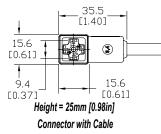


# Solenoid Valve Cables and Connectors

### 9.4mm Connectors

Dimensions shown mm [inches]



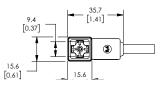


			9.4mn	n (3-p	ole)	Connect	ors	(DIN Style, Fo	rm C Ir	idustrial)		
Part No.	Price	Voltage (AC/DC)	Current Rating	IP Rating	Wire Size	Cable Dia. (in.)	LED	Surge Protection	Wiring Figure	Screw Size/ Torque	Weight (lbs)	Agency Approval
<u>SC9-LS24-3</u>	\$15.50	24 ±20%						zener diode	1		0.40	
<u>SC9-LS24-5</u>	\$18.50	24 ±20%	max 4A			0.23		(D-Z DO-15 47V 2W)	I	m3-0.5x26mm/ 0.4 Nm	0.64	CSA (080128-0-000)
<u>SC9-LS110-3</u>	\$19.00	110 ±10%	-	67	18		yes	zener diode	7	(3.5 in lb)	0.40	CSA (000120-0-000)
<u>SC9-LS110-5</u>	\$22.00	110 ± 10%			AWG			(D-Z DO-41 ZY200 2W)	1	· · · ·	0.64	
<u>SC9-3</u>	\$12.50								•	m3-0.5x26mm/	0.40	
<u>SC9-5</u>	\$17.50	230	max 6A				no	none	2	0.5 Nm (4.4 in lb)	0.64	none

#### 9.4mm Connectors

Dimensions shown mm [inches]





Height = 25mm [0.98in] Connector with Cable

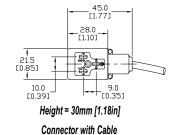
	9.4mm (4-pole) Connectors (DIN Style, Form C Industrial)														
Part No.	Price	Voltage (AC/DC)	Current Rating	IP Rating	Wire Size	Cable Dia.	Cable Length	LED	Surge Protection	Wiring Figure	Screw Size/ Torque	Weight (lbs)	Agency Approval		
7000-94141-6270300	\$18.00	220.1/0.0/			40	50.00	9.8ft/3m				m3-	0.50	CSA		
7000-94141-6270500	\$24.00	230 VAC/ VDC	max 6A	IP67	18 AWG	5.6–6.2 mm	16.4ft/5m	no	none	8	0.5x26mm/ 0.4 Nm (3.5 in lb)	0.79	(080128-0-000)/ RoHS		

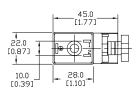
# Solenoid Valve Cables and Connectors

### 10mm Connectors

Dimensions shown mm [inches]







Height = 41mm [1.61in] Field Wireable Connector

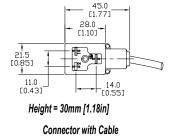
			<b>10</b> m	nm (3-	-pole) Con	nectors	(pe	r DIN 43650 For	m B)				
Part No.	Price	Voltage (AC/DC)	Current Rating	IP Rating	Wire Size	Cable Dia. (in.)	LED	Surge Protection	Wiring Figure	Screw Size/ Torque	Weight (lbs)	Agency Approval	
<u>SC10-LS24-3</u>	\$15.50	24 ±20%	max 4A					zener diode	10		0.43		
<u>SC10-LS24-5</u>	\$18.50	24 ±20%	max 4A			0.23	yes	(D-Z DO-15 47V 2W)	10	m3-0.5x30mm/	0.68		
<u>SC10-LS110-3</u>	\$19.00	110 . 100/		67 18	18 AWG			zener diode			0.43	CSA	
<u>SC10-LS110-5</u>	\$22.00	110 ±10%	max 1A		IO AVVG			(D-Z DO-41 ZY200 2W)	6	0.4 Nm (3.5 in lb)	0.68	(080128-0- 000)	
<u>SC10-3</u>	\$12.50	230	max 10A	]					3		0.43		
<u>SC10-5</u>	\$17.50	230	max iua				no	none	3		0.68		
<u>SC10-LS24-0</u>	\$12.50	24 ±20%	max 4A	65	Solid 12 AWG Stranded 14	field wireable		zener diode (D-Z DO-15 47V 2W)	4	m3-0.5x42mm/ 0.5 Nm	0.07	none	
<u>SC10-LS110-0</u>	\$14.00	110 ±10%	max 1A	05		gland size 0.24 to 0.32	yes	mov (SIOV S10 K130)	5	(4.4 in lb)	0.07		

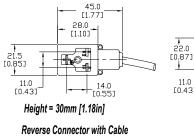
Last digit in part number denotes cable length in meters, a 0 indicates field termination.

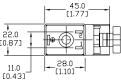
#### 11mm Connectors

Dimensions shown mm [inches]

R I







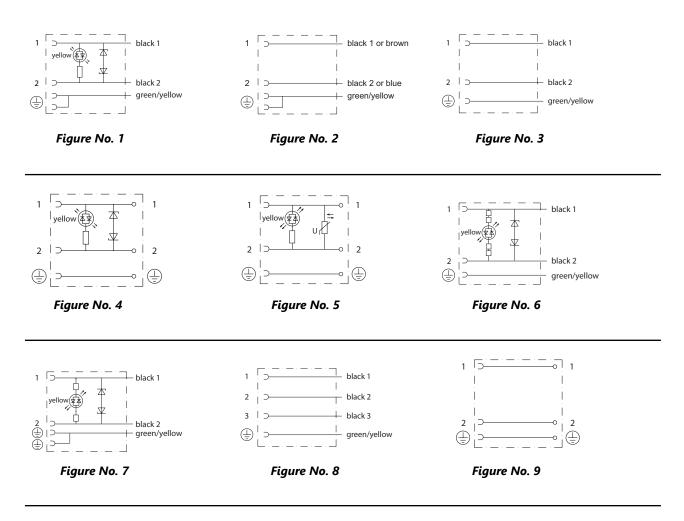
Height = 41mm [1.61in]

Field Wireable Connector

			11mm	(3-pol	e) Connec	tors (DI	N St	yle, Form B In	dustri	al)		
Part No.	Price	Voltage (AC/DC)	Current Rating	IP Rating	Wire Size	Cable Dia. (in)	LED	Surge Protection	Wiring Figure	Screw Size/ Torque	Weight (Ibs)	Agency Approval
<u>SC11-LS24-3</u>	\$15.50	24 ±20%	max 4A	67	18 AWG	0.23	yes	zener diode	10	m3-0.5x30mm/ 0.4 Nm (3.5 in lb)	0.44	
<u>SC11-LS24-5</u>	\$18.50							(D-Z DO-15 47V 2W)			0.67	
SC11-LS110-3	\$19.00	110 ±10%	max 1A					zener diode (D-Z DO-41 ZY200	6		0.44	CSA
<u>SC11-LS110-5</u>	\$22.00							(D-2 DO-41 21200 2W)			0.67	
<u>SC11-LS24-3R</u>	\$15.50	24 ±20%	max 4A					zener diode	10		0.44	
<u>SC11-LS24-5R</u>	\$18.50							(D-Z DO-15 47V 2W)			0.67	(080128-0-000)
<u>SC11-LS110-3R</u>	\$19.00	110 ±10%	max 1A					zener diode	6		0.44	
<u>SC11-LS110-5R</u>	\$22.00							(D-Z DO-41 ZY200 2W)			0.67	
<u>SC11-3</u>	\$12.50	- 230	max 10A				no	none	3		0.44	
SC11-5	\$17.50										0.67	
<u>SC11-LS24-0</u>	\$12.50	24 ±20%		65	Solid 12 AWG Stranded 14 AWG w/Ferrule 16 AWG	field wireable gland size 0.24 to 0.32	yes	zener diode (D-Z DO-15 47V 2W)	4	– m3-0.5x42mm/ 0.5 Nm _ (4.4 in lb)	0.07	
<u>SC11-LS110-0</u>	\$14.00	110 ±10%						mov (SIOV S10 K130)	5		0.07	none
<u>SC11-0</u>	\$10.50	230	max 10A				no	none	9		0.07	

Last numeric digit in part number denotes cable length in meters, a 0 indicates field termination.

## Solenoid Valve Cables and Connectors Wiring Diagrams



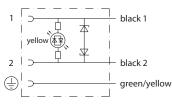


Figure No. 10