

Solenoid Valve Cables and Connectors



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.

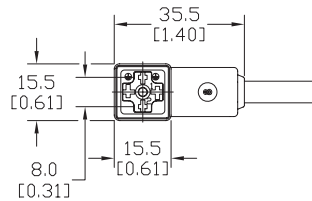
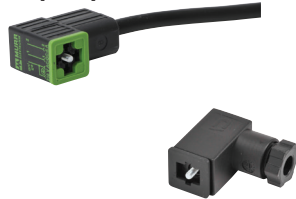
Features

- 8mm, 9.4mm, 10mm, 11mm and 18mm square DIN styles
- Fits most popular solenoid valves and sensors
- 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
- Field wireable connectors on select models
- Polarity insensitive (follow solenoid, sensor, or other devices wiring diagram)



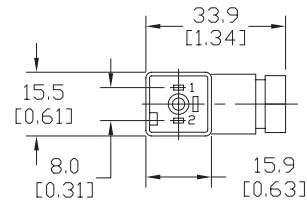
8mm Connectors

Dimensions shown
mm [inches]



Height = 25mm [0.98in]

Connector with Cable



Height = 26mm [1.02]

Field Wireable Connector

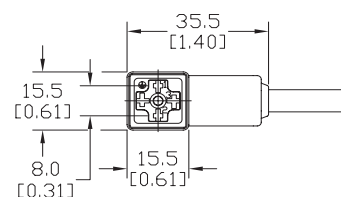
8mm (3-pole) Connectors (per DIN 43650 Form C)

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					
SC8-LS24-3	\$:04t2:	24 ±20%	max 4A	67	18 AWG	0.23	yes	zener diode (D-Z DO-15 47V 2W)	1	m2.5-0.45x25mm/ 0.4 Nm (3.5 in lb)	0.40	CSA (080128-0-000)					
SC8-LS24-5	\$:04t3:										0.65						
SC8-LS110-3	\$:04t0:	110 ±10%					max 6A	65	Solid 12 AWG Stranded 14 AWG w/Ferrule 16 AWG	field wireable gland size 0.20 to 0.24	no		none	7	0.41		
SC8-LS110-5	\$:04t1:														0.63		
SC8-3	\$:04s1:	230	max 6A	67	18 AWG	0.23									2	0.39	none
SC8-0	\$4s:														9	0.10	
SC8-1	\$04s#:						2		0.10								
SC8-5	\$04s?:								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]

Connector with Cable

8mm (4-pole) Connectors (per DIN 43650 Form C)

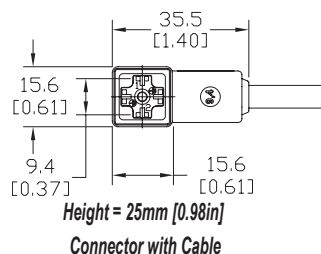
Part No.	Price	Voltage (AC/DC)	Current Rating	IP Rating	Wire Size	Cable Dia. (in.)	LED	Surge Protection	Wiring Figure	Screw Size/Torque	Weight (lbs)	Agency Approval
SC8-5T	\$:04s:	230	max 6A	67	18 AWG	0.26	yes	none	8	m3-0.5x42mm/0.5 Nm (4.4 in lb)	0.80	CSA (080128-0-000)

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

Solenoid Valve Cables and Connectors

9.4mm Connectors

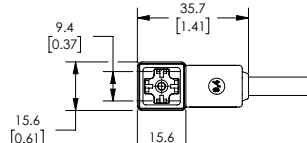
Dimensions shown
mm [inches]



9.4mm (3-pole) Connectors (DIN Style, Form C Industrial)												
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
SC9-LS24-3	\$:04t8:	24 ±20%	max 4A	67	18 AWG	0.23	yes	zener diode (D-Z DO-15 47V 2W)	1	m3-0.5x26mm/ 0.4 Nm (3.5 in lb)	0.40	CSA (080128-0-000)
SC9-LS24-5	\$:04t9:								0.64			
SC9-LS110-3	\$:04t6:	110 ±10%						zener diode (D-Z DO-41 ZY200 2W)	7		0.40	
SC9-LS110-5	\$:04t7:								0.64			
SC9-3	\$:04t4:	230	max 6A			no	none	2	m3-0.5x26mm/ 0.5 Nm (4.4 in lb)	0.40	none	
SC9-5	\$:04t5:											0.64

9.4mm Connectors

Dimensions shown
mm [inches]



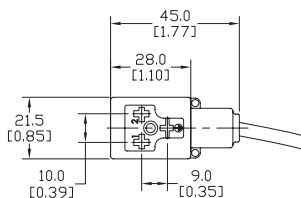
Height = 25mm [0.98in]
Connector with Cable

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	\$4p49:	230 VAC/ VDC	max 6A	IP67	18 AWG	5.6–6.2 mm	9.8ft/3m	no	none	8	m3-0.5x26mm/ 0.4 Nm (3.5 in lb)	0.50	CSA (080128-0-000) RoHS
7000-94141-6270500	\$4p4a:						16.4ft/5m					0.79	

Solenoid Valve Cables and Connectors

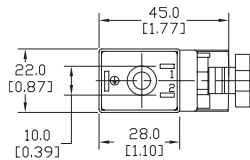
10mm Connectors

Dimensions shown
mm [inches]



Height = 30mm [1.18in]

Connector with Cable



Height = 41mm [1.61in]

Field Wireable Connector

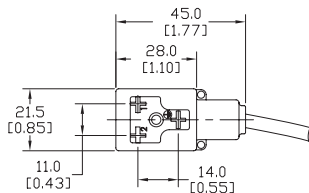
10mm (3-pole) Connectors (per DIN 43650 Form B)

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				
SC10-LS24-3	\$04k9:	24 ±20%	max 4A	67	18 AWG	0.23	yes	zener diode (D-Z DO-15 47V 2W)	10	m3-0.5x30mm/ 0.4 Nm (3.5 in lb)	0.43	CSA (080128-0-000)				
SC10-LS24-5	\$04ka:							zener diode (D-Z DO-41 ZY200 2W)	6		0.68					
SC10-LS110-3	\$04k7:	110 ±10%	max 4A					zener diode (D-Z DO-41 ZY200 2W)	6		0.43					
SC10-LS110-5	\$04k8:						0.68									
SC10-3	\$04k5:	230	max 10A				65	Solid 12 AWG Stranded 14 AWG w/Ferrule 16 AWG	field wireable gland size 0.24 to 0.32		no		none	3	0.43	none
SC10-5	\$04k6:												0.68			
SC10-LS24-0	\$043d:	24 ±20%	max 4A	yes	zener diode (D-Z DO-15 47V 2W)	4				m3-0.5x42mm/ 0.5 Nm (4.4 in lb)	0.07					
SC10-LS110-0	\$043c:	110 ±10%	max 1A		mov (SIOV S10 K130)	5					0.07					

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

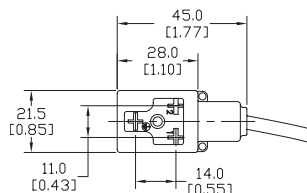
11mm Connectors

Dimensions shown
mm [inches]



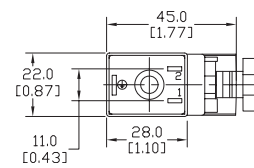
Height = 30mm [1.18in]

Connector with Cable



Height = 30mm [1.18in]

Reverse Connector with Cable



Height = 41mm [1.61in]

Field Wireable Connector

11mm (3-pole) Connectors (DIN Style, Form B Industrial)

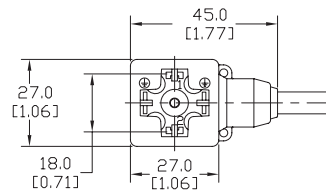
Part No.	Price	Voltage (AC/DC)	Current Rating	IP Rating	Wire Size	Cable Dia. (in)	LED	Surge Protection	Wiring Figure	Screw Size/Torque	Weight (lbs)	Agency Approval
SC11-LS24-3	\$04sy:	24 ±20%	max 4A	67	18 AWG	0.23	yes	zener diode (D-Z DO-15 47V 2W)	10	m3-0.5x30mm/ 0.4 Nm (3.5 in lb)	0.44	CSA (080128-0-000)
SC11-LS24-5	\$.04s]:							zener diode (D-Z DO-41 ZY200 2W)	6		0.67	
SC11-LS110-3	\$04ss:	110 ±10%	max 4A					zener diode (D-Z DO-15 47V 2W)	10		0.44	
SC11-LS110-5	\$04su:							zener diode (D-Z DO-41 ZY200 2W)	6		0.67	
SC11-LS24-3R	\$04sz:	24 ±20%	max 4A					zener diode (D-Z DO-15 47V 2W)	10		0.44	
SC11-LS24-5R	\$.04s]:							zener diode (D-Z DO-41 ZY200 2W)	6		0.67	
SC11-LS110-3R	\$.04st:	110 ±10%	max 4A				no	none	3		0.44	
SC11-LS110-5R	\$04sv:										0.67	
SC11-3	\$04so:	230	max 10A								0.44	
SC11-5	\$04sp:										0.67	
SC11-LS24-0	\$04sx:	24 ±20%	max 4A	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	none
SC11-LS110-0	\$04sq:	110 ±10%	max 1A				mov (SIOV S10 K130)	5	0.07			
SC11-0	\$04sn:	230	max 10A				no	none	9		0.07	

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

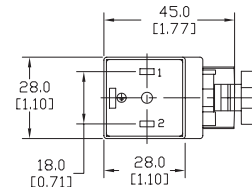
Solenoid Valve Cables and Connectors

18mm Connectors

Dimensions shown
mm [inches]



Height = 30mm [1.18in]
Connector with Cable



Height = 41mm [1.61in]
Field Wireable Connector

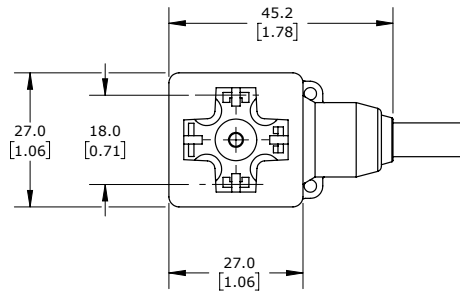
18mm (3-pole) Connectors (per DIN 43650 Form A)

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
SC18-LS24-3	\$,06t5:	24 ±20%	max 4A	67	18 AWG	0.23	yes	zener diode (D-Z DO-15 47V 2W)	7	m3-0.5x30mm/ 0.4 Nm (3.5 in lb)	0.44	CSA (080128-0-000)
SC18-LS24-5	\$,06t6:							zener diode (D-Z DO-41 ZY200 2W)			0.69	
SC18-LS110-3	\$,06t2:	110 ±10%	max 4A					no			none	
SC18-LS110-5	\$,06t3:						0.69					
SC18-3	\$,06s,:	230	max 10A				no	none	2		0.44	
SC18-5	\$,06t0:										0.69	
SC18-LS24-0	\$,06t4:	24 ±20%	max 4A	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	none
SC18-LS110-0	\$,06t1:	110 ±10%	max 1A					mov (SIOV S10 K130)	5		0.07	
SC18-0	\$06s?:	230	max 10A				no	none	9		0.07	

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

18mm Connectors

Dimensions shown
mm [inches]



Height = 30mm [1.18in]
Connector with Cable

18mm (4-pole) Connectors (DIN Style, Form A 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
7000-18111-6270300	\$4p47:	230 VAC/ VDC	max 10A	67	18 AWG	5.6 – 6.2 mm	9.8ft/3m	no	none	8	m3-0.5x26mm/ 0.4 Nm (3.5 in lb)	0.53	CSA (080128-0-000)/ RoHS
7000-18111-6270500	\$4p48:						16.4ft/5m					0.83	

Solenoid Valve Cables and Connectors Wiring Diagrams

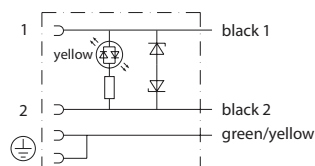


Figure No. 1

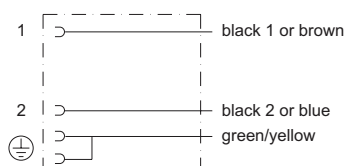


Figure No. 2

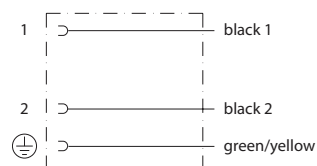


Figure No. 3

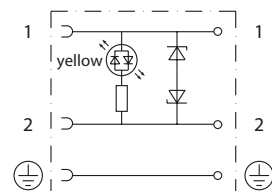


Figure No. 4

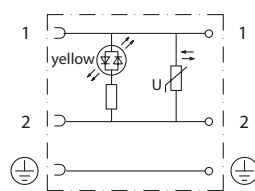


Figure No. 5

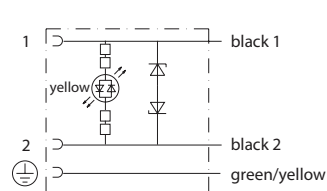


Figure No. 6

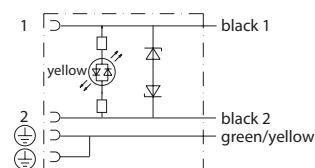


Figure No. 7

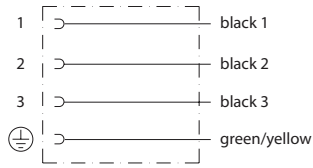


Figure No. 8

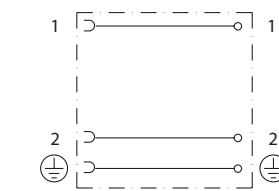


Figure No. 9

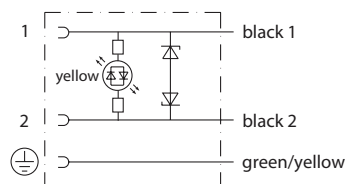


Figure No. 10