

Analog signal converters CC range - product overview



Standard signal converters, CC-E range

Approvals			
1604 Class I, Div. 2 ¹⁾			
Dimensions			
22,5 x 75 x 102 mm			
Supply voltage 24 V DC			
Type	Input signal	Output signal	Order code
Universal device			
CC-E/STD	0 - 5 V, 0 - 10 V 0 - 20 mA, 4 - 20 mA	0 - 5 V, 0 - 10 V 0-20 mA, 4-20 mA	1SVR 011 700 R0000 ¹⁾
Single-function devices			
CC-E V/V		0 - 10 V	1SVR 011 710 R2100
CC-E V/I	0 - 10 V	0 - 20 mA	1SVR 011 711 R1600
CC-E I/I		4 - 20 mA	1SVR 011 712 R1700
CC-E I/V		0 - 10 V	1SVR 011 713 R1000
CC-E I/I	0 - 20 mA	0 - 20 mA	1SVR 011 714 R1100
CC-E I/I		4 - 20 mA	1SVR 011 715 R1200
CC-E I/V		0 - 10 V	1SVR 011 716 R1300
CC-E I/I	4 - 20 mA	0 - 20 mA	1SVR 011 717 R1400
CC-E I/I		4 - 20 mA	1SVR 011 718 R2500
CC-E V/V	-10...+10V	-10...+10V	1SVR 011 719 R2600
Supply voltage 110-240 V AC			
Type	Input signal	Output signal	Order code
Universal device			
CC-E/STD	0 - 5 V, 0 - 10 V 0 - 20 mA, 4 - 20 mA	0 - 5 V, 0 - 10 V 0-20 mA, 4-20 mA	1SVR 011 705 R2100
Single-function devices			
CC-E V/V		0 - 10 V	1SVR 011 720 R2300
CC-E V/I	0 - 10 V	0 - 20 mA	1SVR 011 721 R1000
CC-E I/I		4 - 20 mA	1SVR 011 722 R1100
CC-E I/V		0 - 10 V	1SVR 011 723 R1200
CC-E I/I	0 - 20 mA	0 - 20 mA	1SVR 011 724 R1300
CC-E I/I		4 - 20 mA	1SVR 011 725 R1400
CC-E I/V		0 - 10 V	1SVR 011 726 R1500
CC-E I/I	4 - 20 mA	0 - 20 mA	1SVR 011 727 R1600
CC-E I/I		4 - 20 mA	1SVR 011 728 R2700
CC-E V/V	-10...+10V	-10...+10V	1SVR 011 729 R2000



Passive current isolators, CC-E range

Approvals			
1604 Class I, Div. 2 ¹⁾			
Dimensions			
18 x 62 x 65 mm			
Type	Number of channels	Input/Output	Order code
CC-E/I-1	1 channel	0 - 20 mA or 4 - 20 mA	1SVR 010 200 R1600
CC-E/I-2	2 channel	0 - 20 mA or 4 - 20 mA	1SVR 010 201 R0300



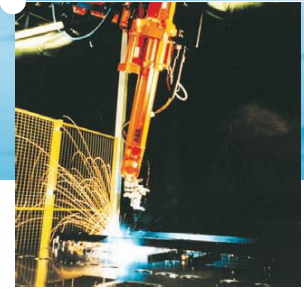
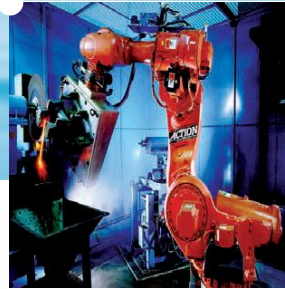
Standard signal converters, CC-U range

Approvals			
1604 Class I, Div. 2 ¹⁾			
Dimensions			
22,5 x 105 x 120 mm			
Type	Supply voltage	Input signals	Output signals
CC-U/STD	24-48 V DC / 24 V AC 50/60 Hz 110-240 V AC 50/60 Hz / 100-300 V DC	current signals ±0,9mA...±55mA, voltage signals ±45 mV...±11V, potentiometer 470 W...1 MW, continuously adjustable	all common standard signals up to ±55mA and ±11V, continuously
CC-U/STDR*	24-48 V DC / 24 V AC 50/60 Hz 110-240 V AC 50/60 Hz / 100-300 V DC	0 - 10V, 0 - 5V, 0-1V, -10V - +10V, 1-5V; 0 - 20mA, 4 - 20mA open- or closed-circuit principle selectable	2 threshold relay outputs, thresholds adjustable 2...100% of the input range
			1SVR 040 000 R1700 ¹⁾ 1SVR 040 001 R0400 ¹⁾ 1SVR 040 010 R0000 1SVR 040 011 R2500



Temperature signal converters for PT10, PT100, PT1000 sensors, CC-U range

Approvals			
1604 Class I, Div. 2 ¹⁾			
Dimensions			
22,5 x 105 x 120 mm			
Type	Supply voltage	Input signals	Output signals
CC-U/RTD	24-48 V DC / 24 V AC 50/60 Hz 110-240 V AC 50/60 Hz / 100-300 V DC	PT10, 0...500 °C - 850 °C; PT100, 0...50 °C - 500 °C PT1000 0...6 °C - 60 °C	all common standard signals up to ±55mA and ±11V, continuously, linearized
CC-U/RTDR*	24-48 V DC / 24 V AC 50/60 Hz 110-240 V AC 50/60 Hz / 100-300 V DC	0 - 100, 0...100 °C - 800 °C open- or closed-circuit principle selectable	2 threshold relay outputs, thresholds adjustable 2...100% of the input range
			1SVR 040 002 R0500 ¹⁾ 1SVR 040 003 R0600 ¹⁾ 1SVR 040 012 R2600 1SVR 040 013 R2700



Temperature signal converters for PT100 sensors, CC-E range

Approvals			
1604 Class I, Div. 2 ¹⁾			
Dimensions			
22,5 x 75 x 102 mm			
Supply voltage 24 V DC			
Type	Input signal	Output signal (linearized)	Order code
Universal device			
CC-E/RTD	PT100, 0...100 °C - 0...500 °C, -50 °C...+50 °C - -50 °C...+450 °C	0 - 10 V, 0 - 20 mA, 4 - 20 mA	1SVR 011 701 R2500 ¹⁾
Single-function devices			
CC-E RTD/V		0 - 10 V	1SVR 011 730 R2500
CC-E RTD/I	PT100, 0...100 °C	0 - 20 mA	1SVR 011 731 R1200
CC-E RTD/I		4 - 20 mA	1SVR 011 732 R1300
CC-E RTD/V		0 - 10 V	1SVR 011 733 R1400
CC-E RTD/I	PT100, -50...+50 °C	0 - 20 mA	1SVR 011 734 R1500
CC-E RTD/I		4 - 20 mA	1SVR 011 735 R1600
CC-E RTD/V		0 - 10 V	1SVR 011 736 R1700
CC-E RTD/I	PT100, 0...300 °C	0 - 20 mA	1SVR 011 737 R1000
CC-E RTD/I		4 - 20 mA	1SVR 011 738 R2100
CC-E RTD/V		0 - 10 V	1SVR 011 739 R2200
CC-E RTD/I	PT100, -50...+250 °C	0 - 20 mA	1SVR 011 740 R0700
CC-E RTD/I		4 - 20 mA	1SVR 011 741 R2400
Supply voltage 110-240 V AC			
Type	Input signal	Output signal (linearized)	Order code
Universal device			
CC-E/RTD	PT100, 0...100 °C - 0...500 °C, -50 °C...+50 °C - -50 °C...+450 °C	0 - 10 V, 0 - 20 mA, 4 - 20 mA	1SVR 011 706 R2200
Single-function devices			
CC-E RTD/V		0 - 10 V	1SVR 011 788 R2400
CC-E RTD/I	PT100, 0...100 °C	0 - 20 mA	1SVR 011 789 R2500
CC-E RTD/I		4 - 20 mA	1SVR 011 790 R2200
CC-E RTD/V		0 - 10 V	1SVR 011 791 R1700
CC-E RTD/I	PT100, -50...+50 °C	0 - 20 mA	1SVR 011 792 R1000
CC-E RTD/I		4 - 20 mA	1SVR 011 793 R1100
CC-E RTD/V		0 - 10 V	1SVR 011 794 R1200
CC-E RTD/I	PT100, 0...300 °C	0 - 20 mA	1SVR 011 795 R1300
CC-E RTD/I		4 - 20 mA	1SVR 011 796 R1400
CC-E RTD/V		0 - 10 V	1SVR 011 797 R1500
CC-E RTD/I	PT100, -50...+250 °C	0 - 20 mA	1SVR 011 798 R2600
CC-E RTD/I		4 - 20 mA	1SVR 011 799 R2700