

Kurt J. Lesker[®] Company

Accessory part number and connection
schematics for KJLC[®] SPARC Power Supply
and Display



Kurt J. Lesker[®]
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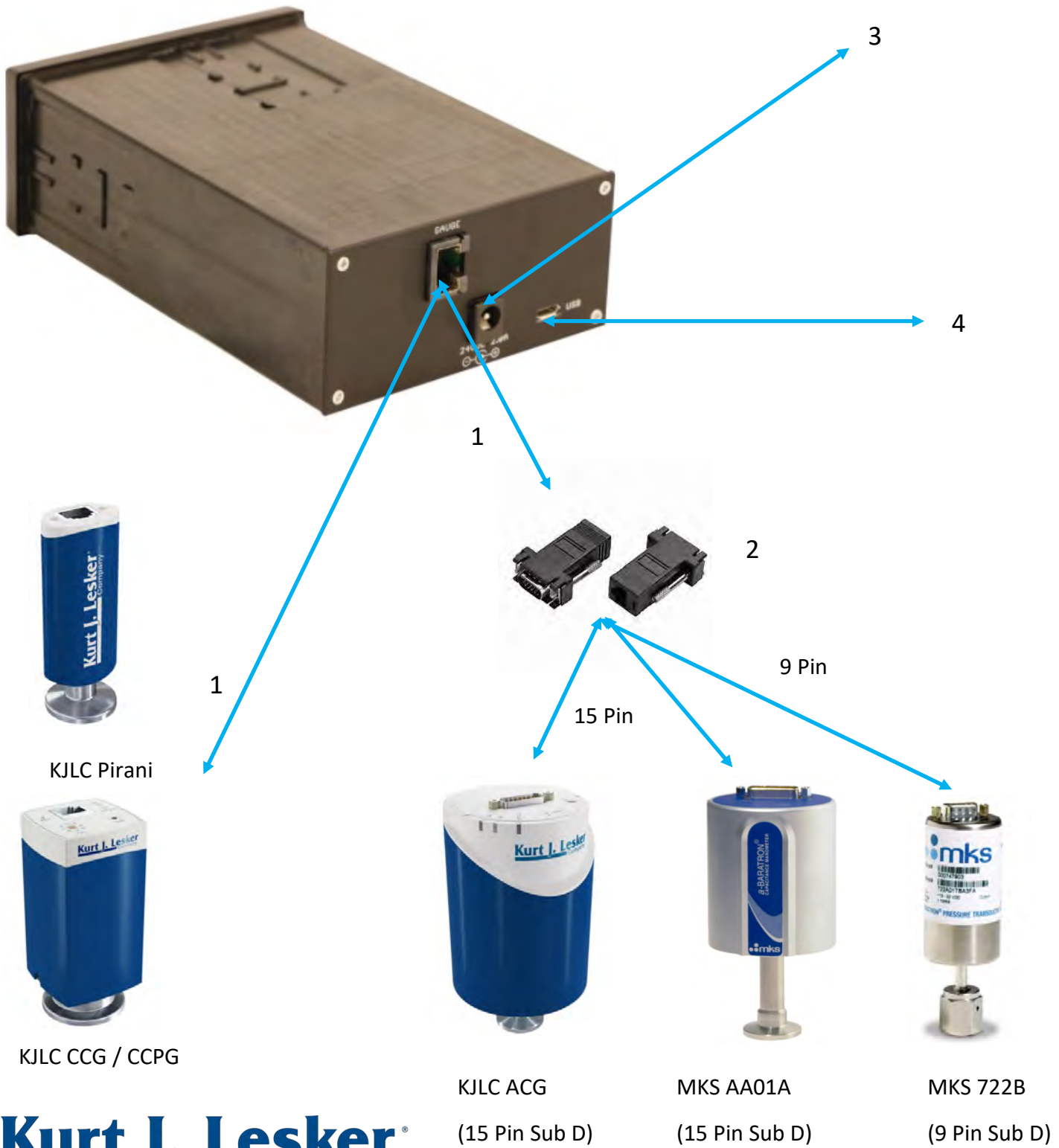
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KJLC SPARC Cable Schematic



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KJLC SPARC Ordering Information

Controller	
Controller	Part Number
SPARC	KJL-SPARC-3.0

Cable 1: Ethernet Cable (standard)		
Cable Length	Cable Part Number	
10 ft (3m)	Included	
>10 ft	Provided by end user	

Part 2: Ethernet to 15 Pin Sub D / 9 Pin Sub D	
Adaptor Part Number	
SPARC-FCC68/DB15-ADP	
SPARC-FCC68/DB9-ADP	

Cable 3: Power Cable / Wall Transformer	
Region	Cable Part Number
US	Included
UK	452-669
EU	909-2168

Cable 4: RS232 Micro USB
Cable supplied by end user

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KJLC SPARC Ordering Information

Compatible Gauges with Cable 1: (only 1x gauge Required)		
Gauge Type	Flange	Part Number
Pirani, Nickel, Setpoints	KF16	PIR-NS-1
Pirani, Nickel, Setpoints	1/8" NPT	PIR-NS-2
Pirani, Nickel, Setpoints	DN16CF	PIR-NS-3
Pirani, Nickel, Setpoints	1/2" O.D. Tube	PIR-NS-4
Pirani, Nickel, Setpoints	8 VCR	PIR-NS-5
Pirani, Nickel, Setpoints	4 VCR	PIR-NS-6
Pirani, Nickel, Setpoints	7/16-20 UNF	PIR-NS-7
Pirani, Nickel, Setpoints	KF16, Ext. Body	PIR-NS-8
Pirani, Tungsten	KF16	PIR-T0-1
Pirani, Tungsten	1/8" NPT	PIR-T0-2
Pirani, Tungsten	DN16CF	PIR-T0-3
Pirani, Tungsten	1/2" O.D. Tube	PIR-T0-4
Pirani, Tungsten	8 VCR	PIR-T0-5
Pirani, Tungsten	4 VCR	PIR-T0-6
Pirani, Tungsten	7/16-20 UNF	PIR-T0-7
Pirani, Tungsten	KF16, Ext. Body	PIR-T0-8
Pirani, Tungsten	DN16CF, Ext. Body	PIR-T0-9
Pirani, Tungsten, Setpoints	KF16	PIR-TS-1
Pirani, Tungsten, Setpoints	1/8" NPT	PIR-TS-2
Pirani, Tungsten, Setpoints	DN16CF	PIR-TS-3
Pirani, Tungsten, Setpoints	1/2" O.D. Tube	PIR-TS-4
Pirani, Tungsten, Setpoints	8 VCR	PIR-TS-5
Pirani, Tungsten, Setpoints	4 VCR	PIR-TS-6

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Compatible Gauges with Cable 1: (only 1x gauge Required)		
Gauge Type	Flange	Part Number
Pirani, Tungsten, Setpoints	7/16-20 UNF	PIR-TS-7
Pirani, Tungsten, Setpoints	KF16, Ext. Body	PIR-TS-8
Pirani, Tungsten, Setpoints	DN16CF, Ext. Body	PIR-TS-9
Cold Cathode, High	KF25	CCG-H1-1
Cold Cathode, High	KF40	CCG-H1-2
Cold Cathode, High	DN35CF-DN40CF Rotatable	CCG-H1-3
Cold Cathode, High	DN35CF-DN40CF Fixed	CCG-H1-6
Cold Cathode, Low	KF25	CCG-L1-1
Cold Cathode, Low	KF40	CCG-L1-2
Cold Cathode, Low	DN35CF-DN40CF Rotatable	CCG-L1-3
Cold Cathode, Low	DN35CF-DN40CF Fixed	CCG-L1-6
Cold Cathode Pirani, High	KF25	CCPG-H2-1
Cold Cathode Pirani, High	KF40	CCPG-H2-2
Cold Cathode Pirani, High	DN35CF-DN40CF Rotatable	CCPG-H2-3
Cold Cathode Pirani, High	DN35CF-DN40CF Fixed	CCPG-H2-6
Cold Cathode Pirani, Low	KF25	CCPG-L2-1
Cold Cathode Pirani, Low	KF40	CCPG-L2-2
Cold Cathode Pirani, Low	DN35CF-DN40CF Rotatable	CCPG-L2-3
Cold Cathode Pirani, Low	DN35CF-DN40CF Fixed	CCPG-L2-6

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KJLC SPARC Ordering Information

Compatible Gauges with Cable 1 AND Part 2 (15 pin) (only 1x gauge required)		
Gauge Type	Flange	Part Number
KJLC Capman, Ambient	KF16	ACG-*T-1-1
KJLC Capman, Ambient	DN16CF-R	ACG-*T-2-1
KJLC Capman, Ambient	OD 1/2" Tube	ACG-*T-3-1
KJLC Capman, Ambient	4 VCR Male	ACG-*T-4-1
KJLC Capman, Ambient	4 VCR Female	ACG-*T-5-1
KJLC Capman, Ambient	8 VCR Female	ACG-*T-6-1
MKS AA01A, Ambient	OD 1/2" Tube	AA01A++TBAS3+00+00
MKS AA01A, Ambient	4 VCR Female	AA01A++TCDV3+00+00
MKS AA01A, Ambient	8 VCR Female	AA01A++TCES3+00+00
MKS AA01A, Ambient	8 VCR Male	AA01A++TCFS3+00+00
MKS AA01A, Ambient	KF16	AA01A++TGAS3+00+00
MKS AA01A, Ambient	KF25	AA01A++TGCS3+00+00
MKS AA01A, Ambient	KF25, Short Stem	AA01A++TGCT3+00+00
MKS AA01A, Ambient	DN16CF-R	AA01A++THAS3+00+00
MKS AA01A, Ambient	DN16CF-R, Short Stem	AA01A++THAT3+00+00
MKS AA01A, Ambient	DN40CF-R	AA01A++THCS3+00+00
MKS AA01A, Ambient	8 VCO Female	AA01A++TDASS3+00+00
*ANY FS RANGE IS COMPATIBLE		
+ANY FS RANGE, ELECTRICAL CONNECTOR, AND CALIBRATION ORIENTATION IS COMPATIBLE		

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KJLC SPARC Ordering Information

Compatible Gauges with Cable 1 AND Part 2 (9 pin) (only 1x gauge Required)		
Gauge Type	Flange	Part Number
MKS 722B, Ambient	1/4 VCR Female	722B///CD2FA
MKS 722B, Ambient	OD 1/2" Tube	722B///BA2FA
MKS 722B, Ambient	8 VCR Female	722B///CE2FA
MKS 722B, Ambient	DN16CF-R	722B///HA2FA
MKS 722B, Ambient	KF16	722B///GA2FA
/// FS RANGES 1000 AND BELOW ARE COMPATIBLE		

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