

Kurt J. Lesker[®] Company

Accessory part number and connection
schematics for KJLC[®] MGC 3200 Multi-
Gauge Controller



Kurt J. Lesker[®]
Company **Enabling Technology for a Better World | www.lesker.com**

Kurt J. Lesker Company
United States - salesus@lesker.com
+1 412 387 9200
+1 800 245 1656

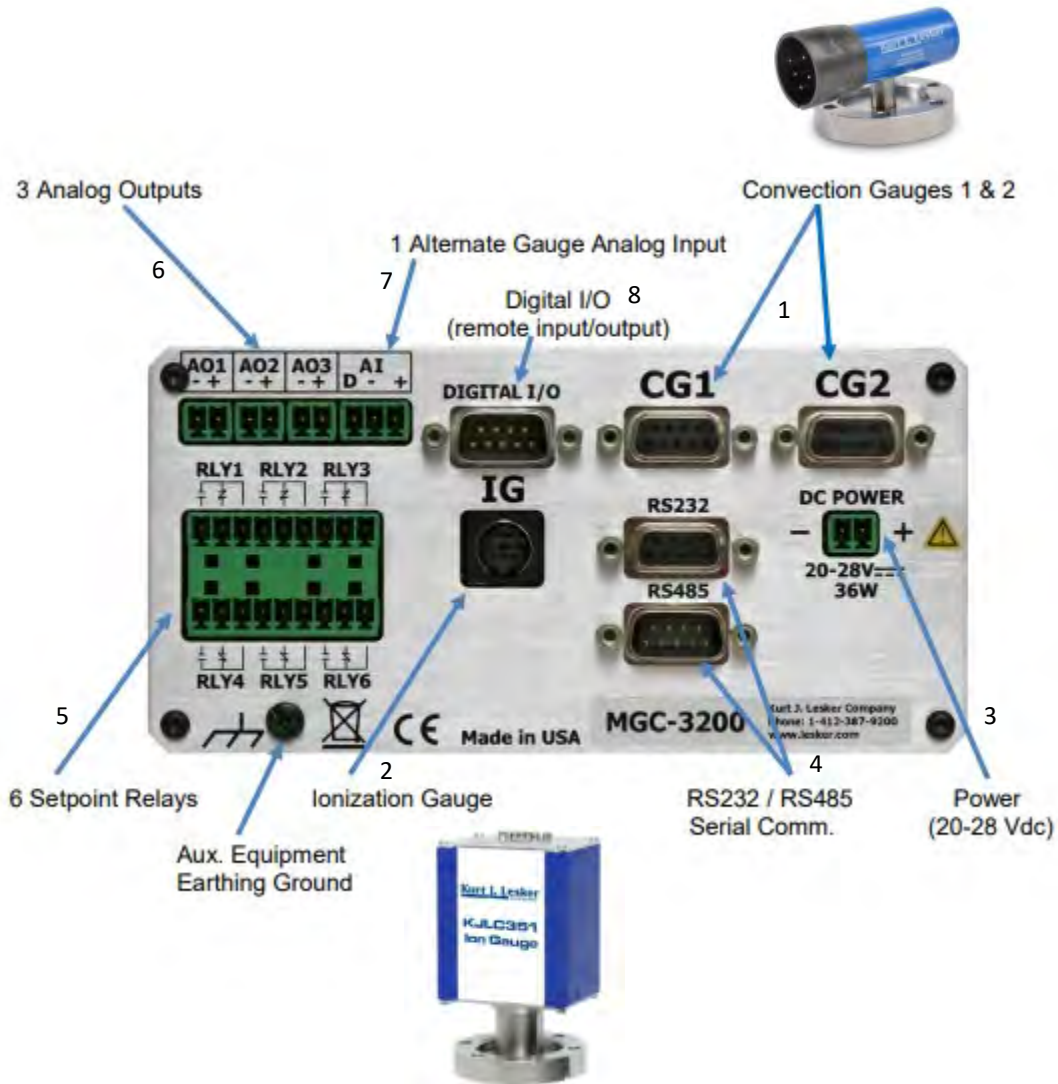
Kurt J. Lesker Canada Inc.
Canada - salescan@lesker.com
+1 416 588 2610
+1 800 465 2476

Kurt J. Lesker Company Ltd.
EMEIA - EMEIASales@lesker.com
+44 (0) 1424 458100

Kurt.Lesker (Shanghai) Trading Company
科特·莱思科(上海)商贸有限公司
Asia - salesasia@lesker.com
+86 21 50115900



MGC 3200 Cable Schematic



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MGC 3200 Ordering Information

| MGC 3200 Controller | |
|--------------------------------|-------------|
| Item | Part Number |
| MGC 3200 Controller | MGC-3200 |
| Rack Mount, 1 controller, 19" | 000849 |
| Rack Mount, 2 controllers, 19" | 001007 |

Cable 1: KJLC 275 Convection Gauge (2x required)

| Cable Length | Cable Part Number | KJL275 Cable |
|--------------|-------------------|---|
| 10 ft (3m) | CB421-1-10F |  |
| 25 ft (8m) | CB421-1-25F | |
| 50 ft (15m) | CB421-1-50F | |
| >50 ft | Consult Factory | |

Cable 2: KJLC 351 Hot Filament Ion Gauge (1x required)

| Cable Length | Cable Part Number | KJLC351 Cable |
|--------------|-------------------|---|
| 10 ft (3m) | BXC400-1-10F |  |
| 25 ft (8m) | BXC400-1-25F | |
| 50 ft (15m) | BXC400-1-50F | |
| >50 ft | Consult Factory | |

Cable 3: Power Supply (1x required)

| Region | Cable Part Number | AC Cable |
|--------|-------------------|------------------|
| US | KJLPS301UA | Included |
| UK | KJLPS301UX | IEC-320-C13 |
| EU | KJLPS301UX | IEC-320-C13-EURO |

Cables 4 –8: Relays and I/O

Customer Fabricated, pinouts in manual

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MGC 3200 Ordering Information

| Compatible Gauges with Cable 1: (only 2x required) | | |
|---|---------------|--------------------|
| Gauge Type | Flange | Part Number |
| Convection Enhanced Pirani | 1/8" NPT | KJL275071 |
| Convection Enhanced Pirani | KF16 | KJL275203 |
| Convection Enhanced Pirani | KF25 | KJL275196 |
| Convection Enhanced Pirani | KF40 | KJL275316 |
| Convection Enhanced Pirani | DN16CF | KJL275256 |
| Convection Enhanced Pirani | DN40CF | KJL275238 |
| Convection Enhanced Pirani | 4 VCR Female | KJL275185 |
| Convection Enhanced Pirani | 8 VCR Female | KJL275282 |

| Compatible Gauges with Cable 2: (only 1x required) | | |
|---|---------------|--------------------|
| Gauge Type | Flange | Part Number |
| Hot Filament Ion Gauge | KF16 | KJLC351400YB |
| Hot Filament Ion Gauge | KF25 | KJLC351400YC |
| Hot Filament Ion Gauge | KF40 | KJLC351400YD |
| Hot Filament Ion Gauge | DN16CF | KJLC351400YE |
| Hot Filament Ion Gauge | DN35CF-DN40CF | KJLC351400YF |

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