

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

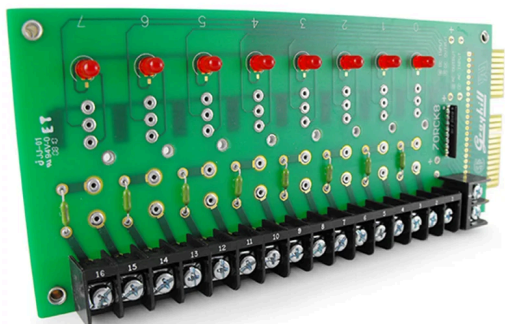
Data Sheet

August 15, 2026

GRAYHILL

Grayhill 70RCK8 8-Channel I/O Rack

Grayhill 70RCK8 System 50 Eight-Channel Standard I/O Rack The 70RCK8 is Grayhill System 50 eight-channel standard I/O rack for miniature I/O modules and System 50 style controllers. OEM System 50 rack literature lists 8 channels, card-edge module interface, panel or DIN-rail mount versions, UL and CSA, operating minus 40 C to 100 C, screw field terminals, logic-supply terminal strip, status LED on the module, fuse puller on G5 siblings, maximum terminal screw torque 5 in-lb on the G5 drawing note, dimensional tolerances ± 0.010 in (0.25 mm), and standoffs clearing No. 6 screws. Sibling 70GRCK8 is the G5 50-pin header rack; 70LRCK8 is OpenLine. The 70RCK8 is Grayhill System 50 eight-channel standard I/O rack for miniature I/O modules and System 50 style controllers. OEM System 50 rack literature lists 8 channels, card-edge module interface, panel or DIN-rail mount versions, UL and CSA, operating minus 40 C to 100 C, screw field terminals, logic-supply terminal strip, status LED on the module, fuse puller on G5 siblings, maximum terminal screw torque 5 in-lb on the G5 drawing note, dimensional tolerances ± 0.010 in (0.25 mm), and standoffs clearing No. 6 screws. Sibling 70GRCK8 is the G5 50-pin header rack; 70LRCK8 is OpenLine. Eight-channel digital I/O module rack for System 50 controllers in industrial panels.



MODEL

Grayhill 70RCK8

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

70RCK8

LISTING

<https://aumictechlabs.com/products/70rck8-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Grayhill 70RCK8 is an 8-channel input/output rack designed for industrial control applications. It has a solid and reliable solution for interfacing with various sensors and actuators. This rack features a compact design and easy installation, making it space-constrained environments. It is built with high-quality components to ensure long-lasting performance in harsh industrial conditions.

70RCK8 Characteristics / Specifications

PARAMETER	VALUE
Model	70RCK8
Instrument Type	Eight-channel I/O rack
Family	Grayhill System 50
Channel Count	8
Module Interface	card edge (standard miniature modules)
Mounting	panel and DIN-rail versions
Approvals	UL, CSA
Operating Temperature	minus 40 C to 100 C
Termination	screw field terminals
Logic Supply	logic-supply terminal strip
Torque Note	maximum terminal screw torque 5 in-lb (G5 drawing note, System 50 racks)
Tolerance	±0.010 in (0.25 mm) unless specified
Standoffs	0.15 in (3.8 mm) ID, 4 places, No. 6 screw clearance (G5 drawing)
Sibling G	70GRCK8 50-pin header G5 rack
Sibling Openline	70LRCK8 OpenLine System 50 rack
Sibling Header	70RCK8-HL header-with-levers variant
Thickness Class	55.9 mm class distributor mechanical row
Rohs	compliant (distributor compliance row)
Packaging	bulk
Manufacturer	Grayhill
Literature	Grayhill System 50 racks data sheet (70RCK8 standard 8-channel)
System Role	I/O module rack for System 50 controllers
Use Case	industrial discrete I/O
Connector Class	card-edge modules plus field screw terminals

PARAMETER	VALUE
Led	status LED on the I/O module

70RCK8 Specifications

PARAMETER	VALUE
Applications	Eight-channel digital I/O module rack for System 50 controllers in industrial panels.
Key Features	8-channel System 50 standard I/O rack
UL and CSA certified	Minus 40 C to 100 C operating
Technical Specifications	Model: 70RCK8

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	minus 40 C to 100 C
Operating Temperature	minus 40 C to 100 C
Termination	screw field terminals
Logic Supply	logic-supply terminal strip
Torque Note	maximum terminal screw torque 5 in-lb (G5 drawing note, System 50 racks)
Tolerance	±0.010 in (0.25 mm) unless specified
Standoffs	0.15 in (3.8 mm) ID, 4 places, No. 6 screw clearance (G5 drawing)
Sibling G	70GRCK8 50-pin header G5 rack
Sibling Openline	70LRCK8 OpenLine System 50 rack
Sibling Header	70RCK8-HL header-with-levers variant
Thickness Class	55.9 mm class distributor mechanical row
Rohs	compliant (distributor compliance row)
Packaging	bulk
Manufacturer	Grayhill
Literature	Grayhill System 50 racks data sheet (70RCK8 standard 8-channel)
System Role	I/O module rack for System 50 controllers
Use Case	industrial discrete I/O
Connector Class	card-edge modules plus field screw terminals
Led	status LED on the I/O module Notes From Grayhill System 50 racks data sheet (70RCK8 8-channel standard). Module load-voltage ratings are properties of the plugged I/O modules, not the empty rack; do not invent them.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
Specifications	
PARAMETER	VALUE
Model	70RCK8
Instrument Type	Eight-channel I/O rack
Family	Grayhill System 50
Channel Count	8
Module Interface	card edge (standard miniature modules)
Mounting	panel and DIN-rail versions
Approvals	UL, CSA
Operating Temperature	minus 40 C to 100 C
Termination	screw field terminals
Logic Supply	logic-supply terminal strip
Torque Note	maximum terminal screw torque 5 in-lb (G5 drawing note, System 50 racks)
Tolerance	±0.010 in (0.25 mm) unless specified
Standoffs	0.15 in (3.8 mm) ID, 4 places, No. 6 screw clearance (G5 drawing)
Sibling G5	70GRCK8 50-pin header G5 rack
Sibling Openline	70LRCK8 OpenLine System 50 rack
Sibling Header	70RCK8-HL header-with-levers variant
Thickness Class	55.9 mm class distributor mechanical row
Rohs	compliant (distributor compliance row)
Packaging	bulk
Manufacturer	Grayhill
Literature	Grayhill System 50 racks data sheet (70RCK8 standard 8-channel)
System Role	I/O module rack for System 50 controllers
Use Case	industrial discrete I/O
Connector Class	card-edge modules plus field screw terminals
Led	status LED on the I/O module

Notes

From Grayhill System 50 racks data sheet (70RCK8 8-channel standard). Module load-voltage ratings are properties of the plugged I/O modules, not the empty rack; do not invent them.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.