

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
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- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Keithley 7020D* at our website: ***Click HERE***

7020 and 7020-D Digital I/O Interface Cards

DIGITAL I/O CAPABILITY: Forty independent inputs.
Forty independent outputs.

OUTPUT SPECIFICATIONS:

Configuration: 40 open collector drivers with factory installed 10kΩ pull up resistors. Pull-up resistors can be removed when driving external pull-up devices. Each driver has an internal fly-back diode.

Pull up Voltage: 5.3V Internally supplied, external connection provided for user supplied voltage 25V max. Removal of internal jumper allows user to use two different pull-up voltages.

Maximum Sink Current: Per Channel: 65mA.
Per Bank (8 bits): 500mA.
Per Card: 1A.

Current Limit: Positive Temperature Coefficient circuit protector in series with each output. Output protection resistance <18Ω.

Collector-Emitter Saturation Voltage: <0.75V @ 1mA.
<1V @ 65mA.

Logic: Negative True.

INPUT SPECIFICATIONS:

Configuration: 40 inputs with internal 10kΩ pull-up resistors provided.

Characteristics:

Input logic low voltage:	0.8V max.
Input logic high voltage:	2V min.
Input logic low current:	–600µA max. @ 0V
Input logic high current:	50µA max. @ 5V

Maximum Voltage Level: 42V pk.

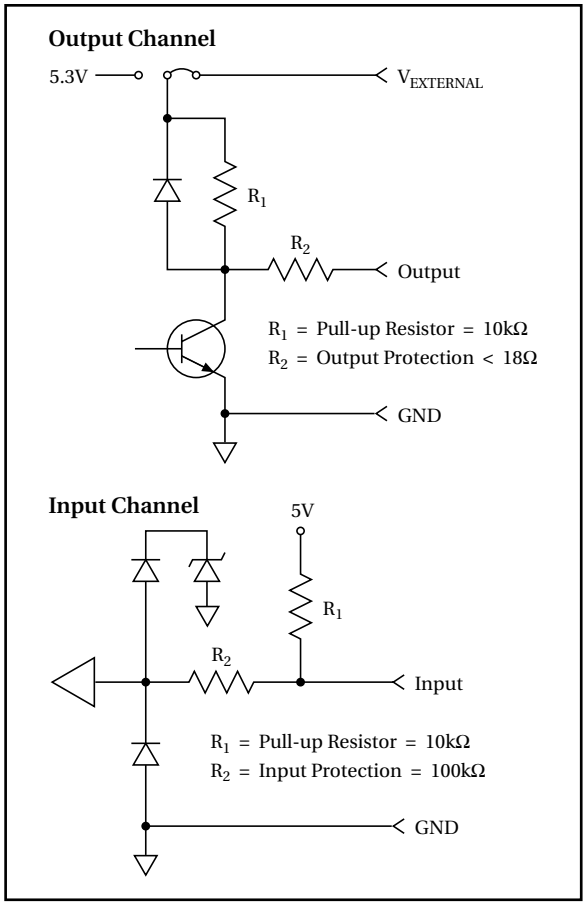
Logic: Positive True.

7020/7020-D General Specifications

CONNECTOR:

7020: 96-pin male DIN connector.
7020-D: Cables with 50-pin male and female D-sub connectors.

ENVIRONMENT: Operating: 0° to 50°C, up to 35°C < 80% RH. **Storage:** –25° to 65°C.



Specifications are subject to change without notice.

Artisan Scientific - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisan-scientific.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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