01 / Instrument identity

PEACOCK

COM-5 V2

Digital Comparator

Comparator role

PEACOCK COM-5 V2 is a digital comparator with separate lower and upper limit controls, three judgement indicators and rear BCD input and output connections.

Lower and upper limits

Two separate front-panel thumbwheel controls.

Judgement indication

Three dedicated positions: -NG, OK and +NG.

Document scope

Apter Power identification reference based on the supplied COM-5 V2 panel markings. It is not a PEACOCK manual, a wiring diagram or an electrical rating sheet.

02 / Front-panel control map

Panel area	Identification	Use in the inspection record
Left control	LOWER LIMIT	Record the complete signed setting.
Centre left	-NG indicator	Keep this judgement distinct from OK.
Centre	OK indicator	Record the accepted-state indication.
Centre right	+NG indicator	Keep this judgement distinct from -NG.
Right control	UPPER LIMIT	Record separately from the lower setting.
Identity strip	PEACOCK COM-5 V2	Retain the V2 designation.

Settings and results

Three dedicated front indicators are marked -NG, OK and +NG. The lower and upper controls sit on either side of this judgement group, separating the limit settings from the displayed result. Record both signed settings before a change so that the approved inspection limits can be restored and checked.

Setpoints are application data

The photographed thumbwheel positions describe a particular setting, not a factory default, measurement range or universal acceptance tolerance.

03 / Rear interface identification

Interface	Visible identification	Connection review
Input	BCD IN; multipin connector	Match the mating cable and installed drawing.
Output	OUTPUT; round connector	Identify contact letters from the mating drawing.
A	+NG	Upper judgement role in the rear legend.
B	COM	Common designation in the rear legend.
C	OK	Accepted judgement role in the rear legend.
D	-NG	Lower judgement role in the rear legend.

Separate interface roles

BCD IN and OUTPUT are separately labelled connectors. Preserve this distinction in cable identification; the connector markings do not describe a general-purpose network interface.

Legend versus wiring drawing

The A/B/C/D list transcribes the rear label. It does not define the viewing direction, connector cavity positions, permitted load or supply connection. Use approved installation instructions for electrical work.

04 / Controls and recorded configuration

Identity, limits and connections

Treat the COM-5 V2 marking, lower setting, upper setting, BCD cable and output cable as separate items in the inspection-station record. A matching enclosure alone is insufficient for a configuration comparison.

Record	What to preserve	Why it matters
Instrument	Full COM-5 V2 marking	Keeps the supplied identity distinct.
Lower / upper	Both signed settings	Prevents changing an approved tolerance by assumption.
Input	Cable tag and connected instrument	Links BCD IN to the actual station.
Output	Cable tag and A/B/C/D assignments	Links the judgement labels to receiving circuits.
Acceptance	Required judgement-state checks	Associates the instrument with the approved inspection task.

Result interpretation

The front panel labels three judgement states. Equal-to-limit behaviour and switching performance are not established by the photograph; use the applicable V2 instructions and approved test method for boundary cases.

05 / Reference and related instrumentation

What does output terminal B mean on COM-5 V2?

The rear-panel legend identifies B as COM, the common designation for the output connection. Preserve this assignment when reviewing the mating cable.

Reference basis

PEACOCK COM-5 V2 front-panel and rear-panel markings.

Apter Power technical summary; not a manufacturer-issued manual. Apply the original instructions for the actual installation.

Related industrial automation products

Navigation only; no substitution or compatibility claim.

Opto 22 SNAP-AIV-8

Phoenix Contact REL-IR-BL/L-24DC/4×21 1032527

Bently Nevada 330801-28-20-050-03-02

Discuss your installed configuration

Send the full unit marking and connection details.

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