01 / Comparator dashboard

PEACOCK

COM-5 V2

Digital Comparator

Inspection 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.

Product type

Digital comparator

Limit controls

Separate LOWER LIMIT and UPPER LIMIT settings

Judgement indicators

-NG, OK and +NG

Rear interfaces

BCD IN and OUTPUT

02 / Panel and interface facts

Front / identity	Confirmed marking	Rear / connection	Confirmed marking
Product type	Digital comparator	Input marking	BCD IN
Complete model marking	COM-5 V2	Input connector form	Multipin connector with retaining clips
Lower limit setting	Separate LOWER LIMIT thumbwheel control	Output marking	OUTPUT; round connector
Upper limit setting	Separate UPPER LIMIT thumbwheel control	Output legend A / B	A: +NG; B: COM
Judgement indication	Three indicators: -NG / OK / +NG	Output legend C / D	C: OK; D: -NG

Output identification

The rear legend assigns A to +NG, B to COM, C to OK and D to -NG. These are label roles; electrical connections and loading remain governed by the applicable installation instructions.

03 / Inspection and integration

Local limit comparison

Use the separate lower and upper controls to organize the approved limits for an inspection task. Preserve the signed settings when comparing an installed instrument with the offered COM-5 V2.

Judgement indication

Read the three separately labelled -NG, OK and +NG indicators at the inspection station. Verify each required state through the approved test procedure before returning the station to use.

BCD connection review

Identify the input cable at the rear BCD IN connector. Match its mating connector, wiring assignment and connected instrument to the installation drawing before replacement.

Output signal identification

Use the rear A / B / C / D legend to distinguish +NG, common, OK and -NG roles. Review the receiving circuit separately before connecting the output cable.

Configuration boundary

Preserve the exact V2 identity, both signed limits and the actual connected instrument. The product name and connector shapes alone do not establish interchangeability with another comparator.

04 / Replacement precautions

Preserve the V2 identity

Compare the full COM-5 V2 marking on the offered and installed units. Do not omit V2 from the equipment record or replacement enquiry.

Retain both limit settings

Photograph and record the signed LOWER LIMIT and UPPER LIMIT settings before moving the instrument. Reapply only the limits approved for the inspection task.

Isolate connected circuits

Apply the site isolation procedure to the connected instrument and receiving circuits before disconnecting or reconnecting cables.

Check BCD cable assignment

Match the BCD IN connector and cable against the actual installation drawing. Connector appearance alone does not establish the wiring assignment or compatible instrument.

Match output letters

Read A +NG, B COM, C OK and D -NG on the rear legend. Use the mating connector drawing for contact orientation; do not infer pin positions from a perspective photograph.

Verify judgement response

Use the approved inspection test method to check the required -NG, OK and +NG responses after installation. Record the final limit settings and receiving-circuit response before release.

05 / Support and related portfolio

Lifecycle and supply

The current manufacturer lifecycle phase for COM-5 V2 has not been confirmed. Request support and replacement guidance using the complete marking and installed configuration. Apter Power availability and dispatch are confirmed separately in the quotation.

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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