01 / Plan the replacement review

PEACOCK

COM-5 V2

Digital Comparator

Scope

Use this guide to organize identification and connection checks for COM-5 V2. It is a planning aid based on panel markings, not an electrical installation instruction. The approved site drawings and applicable manufacturer instructions govern connection and energization.

Identify

Match the complete COM-5 V2 front marking.

Preserve

Record both signed limit settings and cable identities.

Review

Separate BCD IN from the OUTPUT connection.

Validate

Check the required judgement states before release.

02 / Readiness before disconnection

Item	Check to complete	Retain
Instrument	Offered and installed references both retain V2.	Readable identity photographs.
Inspection limits	Both signed settings match the approved task.	Lower and upper setting record.
BCD input	Input cable and connected instrument are identified.	Cable tag and approved drawing.
Output	Mating cable letters agree with the rear legend.	A/B/C/D assignment record.
Work boundary	Connected circuits follow the site isolation procedure.	Approved work scope.

Connector handling

Inspect retaining clips, connector shells and mating parts before use. Do not force a connection or substitute a cable based only on the shape of the connector.

Do not transfer settings blindly

Photographed settings are not commissioning defaults. Preserve the inspection task, sign and both values together when reviewing a replacement.

03 / Connection review sequence

Identify
Full V2 marking

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Compare
Limits and cable tags

>

Approve
Site connection plan

1. Record the installed state

Capture the front identity, LOWER LIMIT and UPPER LIMIT settings, BCD IN cable and OUTPUT cable before disturbing the installation.

2. Establish the work boundary

Apply the approved site isolation procedure to the connected equipment. Confirm the relevant manufacturer instructions before any electrical connection.

3. Match the mating connections

Review BCD cable assignment and the output letters A +NG, B COM, C OK and D -NG against the actual drawings. Do not derive connector orientation from a perspective photo.

4. Retain the approved settings

Restore only the signed lower and upper settings authorized for the inspection task. Resolve any difference before the station is released.

04 / Judgement-state acceptance planning

Test group	Expected record	If inconsistent
Below-limit check	Required -NG indication and associated receiving response.	Review limits, input path and approved test setup.
Accepted-state check	Required OK indication and corresponding receiving response.	Compare the task limits and cable assignments.
Above-limit check	Required +NG indication and associated receiving response.	Review upper setting and output identification.
Boundary check	Result follows applicable V2 instructions for equality.	Do not infer equality behaviour from the labels.

Controlled test conditions

Use the approved inspection test method and reference inputs for the installed station. Observe both the local indication and the receiving equipment; a lit indicator alone does not demonstrate that the receiving circuit is correctly connected.

No electrical ratings supplied here

This guide does not prescribe supply voltage, current, contact capacity, signal timing or compatible counter models. Obtain the applicable instructions before electrical work.

05 / Handover and support

Inspection record

Retain the COM-5 V2 identity, final signed limit settings, input and output cable records, approved drawings and judgement-state test results. Request manufacturer guidance for a different revision or connection arrangement.

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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