EXACT-MODEL ENGINEERING SUMMARY

Honeywell 8C-TPOX01 51307022-175

Wireless Module Backplane

Honeywell 8C-TPOX01 51307022-175 is a Series 8 wireless-module backplane used as the mounting and interconnection base for an Experion PKS wireless interface position.

SYSTEM CONTEXT x

Verified highlights

- Series 8 hardware family
- Wireless-module backplane role
- Coated 8C execution
- Spare part 51307022-175

Functional signal path

FIELD / SYSTEM INPUT

Cabinet side: Series 8 mounting and interconnection position

EXACT-MODEL INTERFACE

Module side: Matched wireless interface hardware

INTERNAL PROCESSING

System context: Experion PKS control architecture

CONTROL-SYSTEM RESULT

Identification: 8C-TPOX01 and 51307022-175 must be matched together

Verified technical matrix

Model	8C-TPOX01
Spare part number	51307022-175
Product class	Wireless module backplane

Platform family	Experion PKS Series 8
Execution	8C coated version

Engineering boundary

Only the values shown in the exact-model source set are stated. Final settings, wiring, firmware, companion devices and safety functions must be matched to the installed system before energization.

Interfaces and system relationships

INTERFACE 1

Cabinet side: Series 8 mounting and interconnection position

INTERFACE 2

Module side: Matched wireless interface hardware

INTERFACE 3

System context: Experion PKS control architecture

INTERFACE 4

Identification: 8C-TPOX01 and 51307022-175 must be matched together

Where the module is used

Wireless interface mounting

Provides the backplane position for the matched Series 8 wireless hardware.

Legacy cabinet service

Supports exact-part maintenance where the installed backplane code is 8C-TPOX01.

Coated hardware replacement

Maintains the coated 8C execution in cabinet environments that specify that variant.

Spare-part planning

Lets engineers order and stage the exact 51307022-175 hardware identity.

Engineering checks and diagnostic decisions

1. A recognition or communication fault requires checks of seating, connector condition, address or switch settings and dependent cabling.
2. Intermittent behavior: inspect terminal torque, connector seating, shielding and vibration exposure.
3. Wrong point response: reconcile the physical terminal, channel map and controller database.
4. Persistent diagnostic: compare the as-left condition with the captured pre-maintenance baseline.
5. Neighboring faults: inspect shared power, common connectors and card-file or backplane interfaces.
6. Repeat failure: stop substitution and escalate the exact identity, evidence and test record for engineering review.

Evidence ledger

SOURCE 1	Exact-model identification records for Honeywell 8C-TPOX01 51307022-175, cross-checked 2026-10-15

Engineering FAQ

Q1 What is Honeywell 8C-TPOX01 51307022-175?

It is a Series 8 wireless-module backplane identified by spare-part number 51307022-175.

Q2 Which system family uses Honeywell 8C-TPOX01 51307022-175?

The part is associated with the Experion PKS Series 8 hardware architecture.

Q3 What does the 8C prefix identify on Honeywell 8C-TPOX01 51307022-175?

The 8C prefix distinguishes the coated hardware execution.

Related products

Verified related products on ApterPower

Honeywell CC-PAIX01 51405038-275
Series C analog-input reference
View Honeywell CC-PAIX01 51405038-275

Honeywell CC-TAIN01 51306513-175
Series C input termination reference
View Honeywell CC-TAIN01 51306513-175

Honeywell CC-PAIH02 51405038-375
Series C HART input reference
View Honeywell CC-PAIH02 51405038-375

Contact Apter Power

PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com

Share the exact 8C-TPOX01 51307022-175 nameplate, application and required quantity for a model-specific quotation.