

8C-TAOXB1 51307137-175

Series 8 Redundant Analog Output IOTA

PRODUCT TECHNICAL REFERENCE

Honeywell 8C-TAOXB1 51307137-175 is a conformally coated redundant Analog Output IOTA for the Series 8 platform. It provides the termination assembly used with the matched Series 8 analog output I/O module pair.

OFFICIAL SOURCE

Series 8 Controller and I/O Specification | S803-150-110 V1.2

Verified technical profile

Series 8 Redundant Analog Output IOTA

Platform	Series 8
IOTA function	Analog output
Redundancy	Redundant
Coating	Conformally coated
Nominal IOTA size	12 in
Associated IOMs	8C-PAOHA1 / 8C-PAONA1
Output signal context	4-20 mA

Dimensions and weight are intentionally excluded from the product fields for this batch.

System role and engineering boundaries

Honeywell 8C-TAOXB1 51307137-175 is a conformally coated redundant Analog Output IOTA for the Series 8 platform. It provides the termination assembly used with the matched Series 8 analog output I/O module pair.

1

Provides the redundant IOTA base for Series 8 analog-output assemblies

2

Keeps field wiring on a removable modular termination structure

3

Supports coated hardware selection for the documented Series 8 build

4

Accommodates either HART-capable or non-HART analog-output IOM pairing

ENGINEERING NOTE

Mount 8C-TAOXB1 51307137-175 in the approved Series 8 redundant analog-output assembly and verify the paired IOM type before landing field conductors. Confirm field supply, channel assignments, redundancy status and configured safe-state behavior before placing outputs in service.

Industrial application matrix

Four source-supported operating contexts for this exact product.

Redundant process-control outputs

Terminates paired analog-output channels used to command final control elements in a Series 8 controller installation.

HART device output architecture

Works with the documented HART analog-output IOM when the project requires digital device communication over the current loop.

Non-HART current-loop service

Provides the redundant IOTA foundation for conventional Series 8 analog current outputs.

Controller migration panel work

Supports controlled replacement of the IOTA while preserving the approved Series 8 wiring and redundancy design.

Related-series navigation

Eight verified Apter Power product pages, kept separate from the manufacturer source record.

RELATED APTER POWER SERIES PAGES	
01	8C-PAOHA1 HART analog output module
02	8C-PAON01 analog output module
03	CC-TAOX01 analog output IOTA
04	8C-TAIXA1 51307127-175 analog input IOTA
05	8C-TDODA1 51307149-175 digital output IOTA
06	8C-PDODA1 51454472-175 digital output module
07	8C-PDOD51 field-isolated digital output module
08	8C-PAIH51 51454352-175 HART analog input

Navigation links only - not manufacturer evidence for technical parameters.

SOURCE RECORD

Series 8 Controller and I/O Specification | S803-150-110 V1.2

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