

EXPERION SERIES C FIM8

Product Data Sheet

CC-PFB802 51454953-176

Eight Link Fieldbus Interface Module

H1 NETWORK ALLOCATION	H1 TRANSMISSION RATE	TYPICAL MODULE POWER	TYPICAL CURRENT AT 25 V DC
8 links	31.25 kbit/s	9.5 W	0.380 A

Honeywell CC-PFB802 51454953-176 is an eight-link FOUNDATION Fieldbus interface module in the Experion Series C range. It connects compatible H1 field-device networks to the configured process control system.

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VERIFIED TECHNICAL DATA

H1 network allocation	8 links
H1 transmission rate	31.25 kbit/s
Typical module power	9.5 W
Typical current at 25 V DC	0.380 A
FIM8 function-block capacity	3200 blocks
Maximum blocks per field device	35
Unique block-type limit	200 per FIM
Cached parameter capacity	3200
Peer connection limit	5
H1 publication periods	Immediate, 250 ms, 500 ms or 1000 ms

ADDITIONAL PRODUCT DATA

Maximum CDA publication rate	2000 parameters/s
Maximum field devices per H1 link	16, subject to bandwidth and segment design
Permitted macrocycle periods	250 ms, 500 ms, 1/2/4/8/16/32 s
LAS domain capacity	2
LAS domain storage	2000 bytes per domain

DOCUMENTED USE SETTINGS

Oil Refining and Natural Gas Processing: Petroleum Refining Process Automation.

Chemical and Petrochemical Manufacturing and Production: Industrial Chemical Batch Production.

Electric Power Generation and Energy Production: Thermal Electric Power Generation.

SYSTEM COMPATIBILITY

Use CC-PFB802 51454953-176 in its documented Experion Series C FIM8 arrangement. Compare the installed connections and controlled system configuration before integrating the supplied item.

PRODUCT EVIDENCE

Honeywell EP03-470-510, R510, 12/2018; FIM8 sections 9.1.2 to 9.1.4 and 10.2.1; primary specification mirrored publicly

AMIKON PRODUCT SUPPORT

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