

# **H2–PBC Extended Diagnostics Error Format**

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In This Appendix. . . .

— Extended Diagnostics Error Format

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## Profibus Extended Diagnostics Error Format

Byte	Values	Description
0	3–238	Number of bytes of error information (including this one)
1	0–255	PBC Module Error 0 = no error
2	0–58	Number of Error Groups following this byte Each Error Group contains 4 bytes: –Slot Number –Channel Number –Error Type –Error Value
<b>Error Group Definition</b>		
3	0–7	Slot Number of the module with the error
4	0–255	Channel Number of the module with the error 255 = All channels (i.e. entire module)
5	0–255	Error Type 0 = Normal error (Error Value found in next byte); 1 = Module bitwise error (Error Value contains a module specific bitwise value. See module's user manual.) 2 = Channel bitwise error (Error Value contains a module specific channel bitwise error. See module's user manual.)
6	0–255	Error Value If Error Type = 0, then: 1 = Module that was present no longer responds 2 = New module has been found 3 = General module error 4 = Channel failure error 5–255 = Undefined If Error Type = 1, then see module's user manual If Error Type = 2, then see module's user manual
<b>2nd Group (4 more bytes, if called for)...etc.</b>		

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**58th Group (4 more bytes, if called for)**