

MANUFACTURER-SOURCE TECHNICAL REFERENCE

Pepperl+Fuchs HD2-DM-B

HD2-DM-B Evidence-Bounded Product Information Manual

Pepperl+Fuchs FieldConnex basic diagnostic module

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited Pepperl+Fuchs manufacturer sources. No product photograph is included.

Product / lookup identity	Pepperl+Fuchs HD2-DM-B
Reference number	HD2-DM-B
Document basis	Published Pepperl+Fuchs product records, PDFs, and manuals listed on page 3

**Product page**<https://www.apterpower.com/Pepperl-Fuchs/hd2-dm-b>**Apter Power contact**

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Workflow and system context

Pepperl+Fuchs HD2-DM-B is an evidence-bounded FieldConnex basic diagnostic module. System role: It monitors bulk input voltage, segment overload or short circuit, installed power modules and redundant-module compatibility.

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| 01 | System Inputs: It monitors bulk input voltage, segment overload or short circuit, installed power modules and redundant-module compatibility. |
| 02 | Processing: Install only in a supported FieldConnex motherboard and use the documented LEDs and volt-free contact for basic status reporting. |

Published context and boundaries

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| 01 | Verify the complete Pepperl+Fuchs HD2-DM-B physical label and installed-system documentation before use. |
| 02 | HD2-DM-B is the basic diagnostic module; do not transfer the advanced physical-layer diagnostics of HD2-DM-A or HD2-DM-A.RO. |
| 03 | Origin and HS code remain unpublished unless an exact manufacturer record or the physical package label establishes them. |

Verification and release checks

01	Verify the complete Pepperl+Fuchs HD2-DM-B label, revision and installed-system documentation before use.
02	HD2-DM-B is the basic diagnostic module; do not transfer the advanced physical-layer diagnostics of HD2-DM-A or HD2-DM-A.RO.
03	De-energize the equipment and follow the site's approved electrical and process-safety procedure before disturbing hardware or wiring.
04	Back up controller, drive, network and configuration data before replacement, migration or firmware work.
05	Verify every companion module, cable, connector, termination and power source from approved drawings.
06	Do not copy electrical, communication, mechanical or lifecycle values from a related model or successor.

Identity and release controls

Verification Status	Verified Evidence Bounded
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Official Pepperl+Fuchs sources

Pepperl+Fuchs FieldConnex Power Hub System Manual	https://files.pepperl-fuchs.com/webcat/navi/productInfo/doct/tdoct3793__eng.pdf?v=20240228145930
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