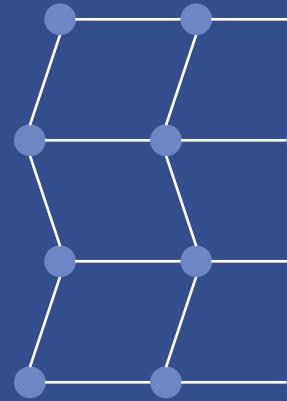


MANUFACTURER-SOURCE TECHNICAL REFERENCE

Pepperl+Fuchs TPH-LBF-IA1.36.DE.1

Product Reference

Pepperl+Fuchs diagnostic FieldConnex fieldbus surge protector



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 TPH-LBF-IA1.36.DE.1
Reference number	TPH-LBF-IA1.36.DE.1
Document basis	Published Pepperl+Fuchs product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/Pepperl-Fuchs/tph-lbf-ia1-36-de-1>

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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

Pepperl+Fuchs TPH-LBF-IA1.36.DE.1 is an evidence-bounded diagnostic FieldConnex fieldbus surge protector. System role: It mounts between a FieldConnex power hub and trunk cable for FOUNDATION Fieldbus H1 or PROFIBUS PA surge protection and reports wear through LED and Advanced Diagnostics. System context: Pepperl+Fuchs diagnostic FieldConnex fieldbus surge protector.

Published field	Manufacturer-published value or verified identity note
Exact variant	TPH-LBF-IA1.36.DE.1
Diagnostics	Wear monitoring via LED and Advanced Diagnostics
Rated voltage	36 V
Rated current	600 mA
Self-consumption	Maximum 6 mA
Ambient temperature	-40 to +70 C
Degree of protection	IP20

System function and signal path

- 01 System Inputs: It mounts between a FieldConnex power hub and trunk cable for FOUNDATION Fieldbus H1 or PROFIBUS PA surge protection and reports wear through LED and Advanced Diagnostics.
- 02 Processing: Use only on the documented power-hub trunk connector with the required grounding rail and hazardous-area conditions.

Applications, answers, and official sources

- 1 Installed-base maintenance: Supports evidence-led identification and replacement planning for Pepperl+Fuchs TPH-LBF-IA1.36.DE.1.
- 2 System documentation: Provides a source-traceable boundary for the documented FieldConnex fieldbus power-hub trunk protection configuration.
- 3 Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.
- 4 Migration assessment: Separates exact-model facts from successor, sibling and family-level information.

Frequently asked questions

What is Pepperl+Fuchs TPH-LBF-IA1.36.DE.1?	It is an evidence-bounded diagnostic FieldConnex fieldbus surge protector; this page is limited to the cited manufacturer evidence.
Is the exact identity verified?	Verified Exact Variant.
What is its system role?	It mounts between a FieldConnex power hub and trunk cable for FOUNDATION Fieldbus HI or PROFIBUS PA surge protection and reports wear through LED and Advanced Diagnostics.
Which installed-base context is documented?	FieldConnex fieldbus power-hub trunk protection.
Are related models automatic substitutes?	No. A sibling, repair code, suffix or engineering replacement is not an unconditional drop-in approval.
Must the physical label be checked?	Yes. Verify the model, revision, firmware and all order or configuration suffixes.

Official Pepperl+Fuchs sources

Pepperl+Fuchs TPH-LBF-IA1.36.DE Product Page	https://www.pepperl-fuchs.com/en/products-gp25581/53080
Pepperl+Fuchs TPH-LBF-IA1.36.DE Datasheet	https://files.pepperl-fuchs.com/webcat/navi/productinfo/pds/t157372_eng.pdf