Foxboro FCM10E

Fieldbus Communication Module / Exact identity and technical profile

This reference separates the exact published characteristics of Foxboro FCM10E from neighboring family variants and undocumented suffixes.

Module designation	FCM10E
Part number	P0914YM
Trunk interface	10BASE2 Ethernet, 10 Mbps
Module Fieldbus	2 Mbps
Redundant arrangement	Two FCM10E modules per FBM grouping
Non-redundant arrangement	One FCM10E per FBM grouping

TECHNICAL MARKER

10 Mbps to 2 Mbps conversion

TECHNICAL MARKER

Up to 30 FBMs per grouping

TECHNICAL MARKER

Single or redundant operation

TECHNICAL MARKER

Galvanically isolated interfaces

Technical boundary

The exact model and its published data govern this reference. Similar family names, suffixes or physical appearance do not establish the same electrical or software behavior.

Identity evidence	Read FCM10E from the installed label and procurement record
Function evidence	Confirm the published fieldbus communication module role in the I/A Series DIN-Rail FBM Subsystem system
Configuration evidence	Retain the project, mapping, range, address or interface assigned to this position
Release evidence	Link final diagnostics to a witnessed field or operator response

TECHNICAL DECISION

Accept FCM10E only when its identifier and installed-system role agree.

CHANGE BOUNDARY

Any redesign beyond the documented FCM10E position requires separate engineering approval.

Foxboro FCM10E

Fieldbus Communication Module / Published characteristics

This matrix groups the published FCM10E characteristics that control identification, configuration and engineering review. Each entry remains tied to the exact fieldbus communication module record.

Module designation	FCM10E
Part number	P0914YM
Trunk interface	10BASE2 Ethernet, 10 Mbps
Module Fieldbus	2 Mbps
Redundant arrangement	Two FCM10E modules per FBM grouping
Non-redundant arrangement	One FCM10E per FBM grouping
Supported FBMs	Up to 30
Input supply	24 V DC +5%, -10%
Maximum consumption	7 W
Maximum heat dissipation	7 W
Status indication	Six front LEDs
Baseplate capacity	Up to eight FBMs or mixed FBM/FCM positions

INTERPRETATION

Use every FCM10E value with the exact installed configuration.

DESIGN RECORD

Retain the drawing, project and channel or interface assignments that make FCM10E data actionable.

Nameplate check	Manufacturer and full reference agree with the controlled record
Range check	Published operating or signal data agree with the configured use
Interface check	Backplane, terminal, cable, network or memory arrangement is documented
Limit check	Loading, channel count, supply or lifecycle constraint is reviewed
Evidence close	Source title and applicable product record are retained with the decision

NO BORROWED VALUES

Another Foxboro suffix cannot fill a missing FCM10E parameter.

ENGINEERING OUTPUT

Record the exact value used, its purpose and any unresolved item before selection.

Foxboro FCM10E

Fieldbus Communication Module / System role and data flow

DIN-rail FBM communications

Links local 200 Series FBMs to an I/A Series control station.

Redundant Fieldbus gateways

Uses paired modules for an A/B communication path.

Distributed I/O groups

Supports remote FBM groupings connected to the Ethernet trunk.

Online module service

Allows module replacement without removing baseplate power or communications cabling.

Signal and configuration path

Field layer	Sensors, loads, terminal or operator interface assigned by the design
Module layer	FCM10E performs its published fieldbus communication module role
Control layer	PLC project, address map or runtime application interprets the exchanged data
Acceptance layer	Diagnostics and intended process response are witnessed together

Engineering boundary

Application examples describe system roles only. They do not establish automatic interchangeability, replacement approval or suffix equivalence.

Observed input	Field, network or operator condition presented to FCM10E
Published action	The documented fieldbus communication module function processes that condition
Configured interpretation	PLC logic, HMI project or station mapping assigns system meaning
Expected output	A defined state, value, message or command is produced
Acceptance proof	The complete path is witnessed under controlled conditions

APPLICATION RECORD

Tie each FCM10E use case to the installed drawing or project tag.

EXCEPTION CONTROL

Document and resolve any behavior that differs from the approved response.

Foxboro FCM10E

Fieldbus Communication Module / Engineering decisions

SUPPORTED IDENTITY

FCM10E

PUBLISHED FUNCTION

Fieldbus Communication Module

SYSTEM CONTEXT

I/A Series DIN-Rail FBM Subsystem

UNSUPPORTED INFERENCE

A nearby model, suffix or family resemblance

Model-specific questions

Which part number identifies Foxboro FCM10E?

The manufacturer product specification lists P0914YM.

How many FBMs can one Foxboro FCM10E grouping support?

A single module or redundant pair can support up to 30 FBMs.

What do the front indicators show on Foxboro FCM10E?

Six LEDs indicate Ethernet activity, Module Fieldbus activity and module operational status.

Which input supply is used by Foxboro FCM10E?

It operates from redundant 24 V DC input at +5 percent and -10 percent.

Which two network rates are converted by Foxboro FCM10E?

It converts the 10 Mbps Ethernet trunk Fieldbus to the 2 Mbps Module Fieldbus and back.

How is redundant service arranged for Foxboro FCM10E?

Two FCM10E modules are installed for each redundant FBM grouping.

Can Foxboro FCM10E be replaced without removing baseplate cabling?

Yes. The specification states that it can be removed or replaced without removing power or communication cabling.

What completes commissioning of Foxboro FCM10E?

Confirm both communication rates, attached FBM visibility, front indicators and redundant failover where a pair is installed.

Decision closeout

Close the FCM10E technical review with the exact identifier, applicable published limits and the installed configuration assumptions explicitly recorded.

Question coverage	Identity, function, configuration and field handling addressed
Open item	Any unanswered exact-model point is listed without guessed data
Decision owner	Responsible engineering or maintenance role identified
Supporting record	Drawing, project revision, readings and witnessed result attached

APPROVAL

The FCM10E decision is accepted only within the documented scope.

REVIEW TRIGGER

A different suffix, wiring arrangement, project or application requires a new review.

Foxboro FCM10E

Fieldbus Communication Module / Evidence and support

Exact product	Foxboro FCM10E
Technical class	Fieldbus Communication Module
Platform	I/A Series DIN-Rail FBM Subsystem
Evidence use	Exact-model characteristics and engineering boundary
Record with	Installed drawing, project and acceptance evidence

Retained evidence	Nameplate, source title, configuration baseline and field record
Installation evidence	Isolation, conductor/connector record and post-work inspection
Commissioning evidence	Diagnostics, measurements and intended response
Final record	Responsible witness, date, exceptions and approved disposition

VERIFIED APTER POWER CATALOG REFERENCES

Navigation only; compatibility, substitution and manufacturer endorsement are not implied.

Honeywell 10208 2 1	View Honeywell 10208 2 1 page
Honeywell MU TAMT02 51401491 100	View Honeywell MU TAMT02 51401491 100 page

MANUFACTURER EVIDENCE RECORD

Foxboro FCM10E Product Specification

PSS 21H-2Y1 B3

CONTACT APTER POWER

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

Send the exact model, quantity, destination and requested condition for a quotation.