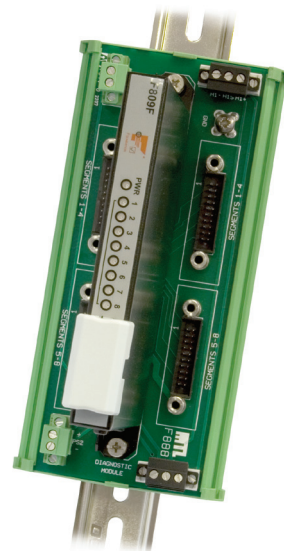


F888

Diagnostics interface for Yokogawa ALF111 fieldbus comms module

- Integrated fieldbus diagnostics with any fieldbus power supply, using AKB336 cable
- Integrated connection to ALF111
- FOUNDATION fieldbus™ communication module
- Compact, DIN-rail mountable
- Redundant 24V dc power connections
- Supports eight fieldbus segments



The F888 carrier is a compact, low cost, DIN-rail mounting solution for the F809F diagnostic module. It provides integrated fieldbus physical layer diagnostics with the Yokogawa ALF111 fieldbus communication module and any fieldbus power supplies.

Connection to the F888 interface is simple using the ALF111 with the connectors option and the Yokogawa AKB336 cable.

Redundant 24V dc input connections, are provided to power the F809F Fieldbus diagnostic module. Additionally the F809F

monitors the status of the power feeds and temperature of the module, providing valuable diagnostic information on the health of the power supply cabinet.

Note: F809F diagnostic module shown in photograph is not included in the F888 product order code and should be ordered separately.

F888

February 2017

SPECIFICATION

Location of equipment

Safe area

CONNECTIONS

Number of segments

Eight

Fieldbus terminals

In and out connection for segments 1-4 via AKB336 cables connecting to ALF111 card and fieldbus power supply/termination board.

In and out connection for segments 5-8 via AKB336 cables connecting to ALF111 card and fieldbus power supply/termination board.

Power and diagnostic segment terminals

Two-part, pluggable connectors with rising-cage-clamp screw terminals

Conductor size: 0.14 to 2.5mm²

Interface ground

M4 stud

MECHANICAL

Mounting method

DIN-rail mounting kit

DIN-rail types

'Top hat', 35mm x 7.5mm or 35mm x 15mm to EN 50022

ENVIRONMENTAL

Ambient temp

-40°C to +70°C

Storage

-40°C to +85°C

Ingress protection

IP20 to BS EN60529

(For additional protection mount the equipment in an enclosure)

PHYSICAL NETWORKS

IEC 61158-2

Foundation fieldbus™ H1

ORDERING INFORMATION

PART NO

DESCRIPTION

F888

Yokogawa ALF111 8 segment diagnostic interface

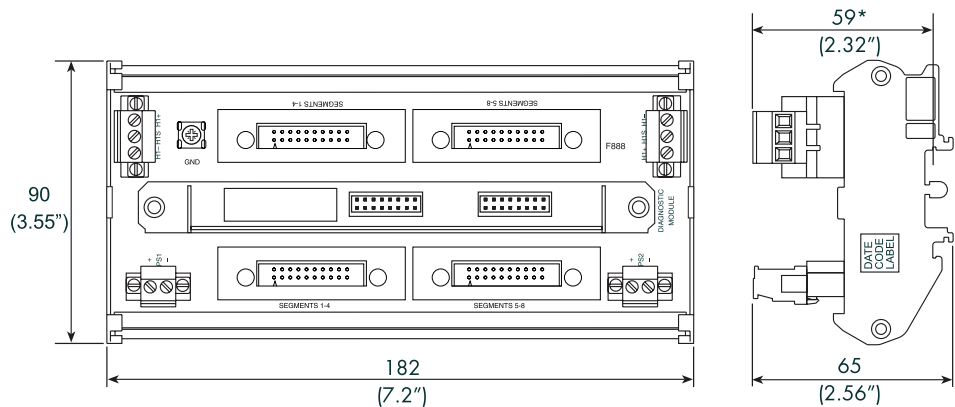
F809F

Fieldbus diagnostic module *

* For further details see F809F datasheet - available at:

https://www.mtl-inst.com/product/f809f_fieldbus_diagnostics_module/

F888 DIMENSIONS - mm (inches)



* 175 (6.9") from DIN rail with F809F fitted

F888 SYSTEM DIAGRAM

