

Honeywell

32005354-001 Port Expander

INSTALLATION INSTRUCTIONS

APPLICATION

The 32005354-001 Port Expander provides a direct or cable (RS-232, DB9) connection to the serial port of a laptop or PC. It also provides an RS-485 connection to the R7999 ControlLinks™ Controller and an RS-232 connection for the A7999 Combustion Analyzer.

SPECIFICATIONS

Dimensions: See Fig. 1.

Weight: 1.5 oz (42 g).

Ambient Temperature Ratings:

Operating: -40°F to +140°F (-40°C to +60°C)

Storage: -40°F to +150°F (-40°C to +66°C).

INSTALLATION

When Installing This Product...

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the ratings in the instructions and on the product to make sure the product is suitable for your application.
3. The installer must be a trained, experienced flame safeguard technician.
4. After installation is complete, check out product operation as provided in these instructions.

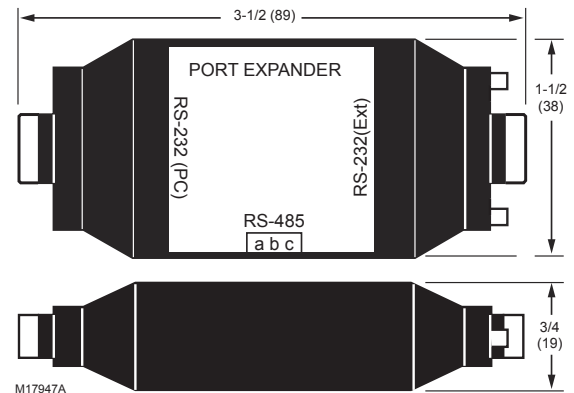
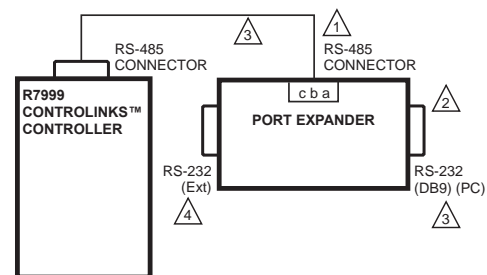


Fig. 1. 32005354-001 Port Expander dimensions in in. (mm).

IMPORTANT

The laptop/PC RS-232 port must be a serial port (DB9 connection).

Connect the 32005354-001 Port Expander as shown in Fig. 2.



① WIRE TYPE: BELDEN 8760 SHIELDED WIRE OR EQUIVALENT, 3-CONDUCTOR, 100% SHIELD COVERAGE, 300V, 80 C (UL2464, CSA PCCFT4, 18 TO 24 AWG).

② RS-232 (DB9) PC CONNECTION CAN BE EITHER DIRECT OR RS-232 (DB9) CABLE.

③ MAXIMUM WIRE/CABLE LENGTHS: RS-232 — 50FT
RS-485 — 1000 FT.

④ HONEYWELL A7999 COMBUSTION ANALYZER CONNECTION.
M17950C

Fig. 2. Connecting the 32005354-001 Port Expander to the R7999 ControlLinks™ Controller and the laptop/PC.



TROUBLESHOOTING

If the ZM7999 Software does not connect to the R7999 ControLinks™ Controller, perform the following steps:

1. Check the laptop/PC communications serial port settings for proper configuration.
2. Check connections/wiring of the port expander to the laptop/PC and the R7999 ControLinks™ Controller.

Honeywell

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