



### Proven Technology in a Delivered Solution.

Complete burner management upgrade is quick and easy with the new Honeywell Burner Management System (BMS) panel. The BMS panel is an integrated panel that provides completely reliable burner management in many different combustion applications.

# BMS Panel

The new integrated Burner Management System (BMS) panel combines Honeywell's industry standard 7800 SERIES controls with universally accepted UDC controls into a complete panel. The 7800 SERIES has long been recognized as an industry standard in flame safeguard control, and now has SIL3 capability. The UDC Controls can be used for reliable high limit and PID load control. The combination of these two is a powerful combination and makes equipment upgrade quick and easy.

The S7999B System display that is included in the panel allows for communication of this panel to the building automation system.

Installation is now even easier, and installation time is reduced for the contractor and the end user. This results in reduced costs and improved return on investment.

The BMS panel, YP7899C1000, integrates the RM7800L1087, S7999 system display and two UDC controllers into a single panel. Complete burner management ready to install out of the box!



**The panel is built in an UL508a panel shop, and is built in a sturdy Hoffman enclosure.**



**Completely pre-wired and ready to install!**

**YP7899C1000 includes the following components:**

S7999B1000 Display
RM7800L1087 Relay Module
Q7800 Wiring Subbase
S7810M Modbus™ Module
S7800A Keyboard Display Module
UDC2500 Controller (2 units)

**Panel specifications:**

Electrical ratings 100 - 120V, 50-60Hz, 3 Amps
NEMA 12 enclosure
Panel size: 24" W x 24" H x 8" D
Panel weight: 75 pounds
Mounting holes are 0.44" in diameter, 18" on center
Fuel selector switch
Alarm light
Reset button
Unit shutdown/emergency stop
Auto/manual switch
Manual operation potentiometer

The following components must be ordered separately as they are unique to each application: R78xx flame amplifier, ST7800 purge timer and the appropriate flame detector.

## Literature

YP7899C1000	BMS Panel Installation Instructions (Form 66-2061)
S7999B1000	System Display (Form 65-0283)
RM7800L	Relay Module (Form 66-1162)
S7810M	Modbus Module (Form 65-0249)
S7800A	Keyboard Display Module (Form 65-0288)
Q7800A	Wiring Subbase (Form 65-0084)

## Learn More

For more information please contact your Honeywell distributor. Or visit <http://customer.honeywell.com>.

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