

Intermittent Pilot Ignition

24VAC-120VAC

IXM Series

MAXLITER

IGNITION CONTROL

FEATURES:

- System Diagnostic LED Indicator Light
- Local or Remote Flame Sensing
- Natural and LP Gas Fired Equipment
- Multiple Tries For Ignition & Custom Purges
- Potted or with Integral Stand-Offs
- Automatic One Hour Reset After Lockout
- Microprocessor Based



Model IXM

APPLICATIONS:

- Unit Heaters & Wall Furnaces
- Commercial Cooking Equipment
- Gas Fired Furnaces and Boilers
- Commercial Water heaters

DESCRIPTION:

The model IXM above is a 24 or 120VAC Intermittent Spark to Pilot ignition control. The microprocessor circuit design provides precise, repeatable timing and operating sequences. The on-board diagnostics with LED output provides assistance with troubleshooting to ensure a safe and efficient operation.

Small heavy duty design makes it easy to install and the right choice for any gas fired appliance that works with both natural and LP gas.

APPROVALS:

Software conforms to UL 1998 requirements
Designed to ANSI Z21.20 Standards

Specifications

INPUT VOLTAGE	- 18-30VAC 50/60 Hz (Class 2 Transformer) or - 102-138VAC 50/60 Hz
CURRENT DRAW MAIN VALVE	2.0A @ 24VAC or 120VAC
OPERATING TEMPERATURE	-40F to 160F, -40C to +71C
FLAME SENSITIVITY	0.7uA Minimum
FLAME FAILURE RESPONSE	0.8 Seconds Maximum
TYPES OF GAS	Natural, LP, or Manufactured
SPARK RATE	50/60 Hz (Line Frequency)
SIZE (L x W x H)	4.00x2.3x1.57 inches, 10.3x5.85x3.81 cm
WEIGHT	
MOISTURE RESISTANCE	POTTED OR CONFORMAL COATED TO 95% R.H. AVOID DIRECT EXPOSURE TO WATER
TRIES FOR IGNITION	One or Three Try Version

Main Offices/Warehouse:
3267 Grapevine Street
Mira Loma, CA 91752



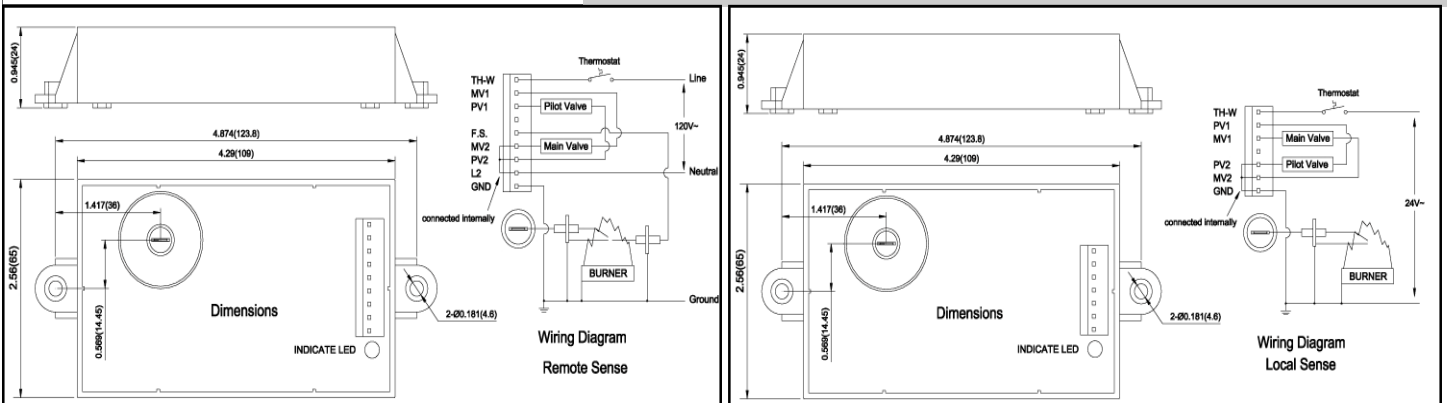
TEL: 951-360-5537
FAX: 951-360-5329
www.bennitech.com

ON BOARD DIAGNOSTICS

LOCKOUT MODE	LED INDICATION
Ignition Failure	2 Flashes
Exceed Pilot Flame Lost	3 Flashes
MCU Failure or Flame Exists	4 Flashes

Ordering Information

IXM	X	X	X	X	-	X	X	X		DESCRIPTION
										RESET METHODS AND ENCLOSURE
										2 = POWER OFF RESET—POTTED
										3= AUTOMATIC RESET—POTTED
										4 = POWER OFF RESET—INTEGRAL STAND-OFFS
										5 = AUTOMATIC RESET—INTEGRAL STAND-OFFS
										FLAME SENSING METHOD
										R = REMOTE SENSE (DUAL ROD)
										L = LOCAL SENSE (SINGLE ROD)
										TRIAL FOR IGNITION
										1 = 15 SECONDS
										2 = 30 SECONDS
										5 = 90 SECONDS
										INTER-PURGE
										0 = NONE (Single Try Models Only)
										1 = 15 SECONDS
										2 = 30 SECONDS
										3 = 90 SECONDS
										PRE-PURGE
										0 = NONE
										1 = 15 SECONDS
										2 = 30 SECONDS
										4 = 45 SECONDS
										6 = 60 SECONDS
										TRIES FOR IGNITION
										1 = SINGLE TRY
										3 = THREE TRIES
										5 = FIVE TRIES
										INPUT VOLTAGE
										2 = 24VAC
										3= 120VAC
										9 = SPECIAL OEM CONFIGURATION
										IXM = INTERMITTENT PILOT IGNITION CONTROL MaxLiter Series



DISCONNECT THE POWER SUPPLY BEFORE MAKING WIRING CONNECTIONS TO PREVENT ELECTRICAL SHOCK OR EQUIPMENT DAMAGE.

EXPLOSION HAZARD. CAN CAUSE INJURY OR EQUIPMENT DAMAGE.

Only trained professional gas appliance service technicians should install and check out this control.