

**NEMA 4X  
JUNCTION BOX**

**NEMA 4X Junction Box** provides a watertight enclosure for connectors. Sizes are available to accommodate several connectors.

**SPECIFICATIONS**

- Type: NEMA 4X (IP66)
- Construction Material: Polyester/Fiberglass

The standard JBX6P, JBX8P, and JBX10P polyester enclosures are lightweight for temperatures below 150°F with hinged/removable cover. These enclosures are easier to modify than fiberglass.

The optional JBXHTM high temperature modification for probes replaces the standard JBX10P enclosure with a JBX10 fiberglass enclosure.


**JBX6P**

**JBX6**

Part No	Model No.	Dimensions		Temp Rating		No. of Connectors	Weight
		in	(mm)	°F	(°C)		
8047666	JBX6P	6x6x4	(150 x150 x100)	150	(65)	1	2.0
8047681	JBX8P	8x6x4	(200 x150 x100)	150	(65)	2	2.0
8047696	JBX10P	10x8x6	(250 x 200 x100)	150	(65)	3-4	2.5
8047665	JBX6	6x6x4	(150 x 150 100)	300	(150)	1	2.8
8047680	JBX8	8x6x4	(200 x150 x100)	300	(150)	2	3.8
8047695	JBX10	10x8x4	(250 x 200 x100)	300	(150)	3-4	4.8
8047700	JBX12	12x10x4	(300 x 250 x100)	300	(150)	5-6	6.3

**MOUNTED  
AUDIBLE  
ALARMS**

All PAL-AT monitoring units are factory equipped with an **Audible Alarm** mounted on the front of the monitoring unit. The standard slow-pulse type may be replaced with an optional chime alarm.


**SPECIFICATIONS**

- Material: Black Molded Plastic Case
- Size: ¼" X 1½" Diameter (6 mm x 30 mm)

Part No	Model No.	Type	Sound Output @ 2 ft
8027650	M-SP	Slow Pulse	90 dB
8027665	M-CA	Chime	75 dB

**PT10**

The PT10 probe integrator can easily be connected to a PAL-AT® cable "sensing string" providing increased utilization of the PAL-AT capabilities. A PT10 probe integrator is used to connect a custom switch to the sensing string. The switch can be any contact closure device, such as a float switch, pressure switch, thermostat, etc.

The unique design of the PAL-AT probe integrator eliminates the need for additional power at the probe.

All PAL-AT supplied probes include a probe integrator.

**NOTE:**

- A "-S" probe integrator must be connected in the first 5000 ft (1500 m) of sensing string.
- A "-L" probe integrator must be connected more than 5000 ft (1500 m) from the PAL-AT panel
- Each probe integrator includes junction box, two connectors and three ½" NPT cord grips as shown.

**PART NUMBERS:**

PT10-SC	8027629
PT10-LC	8027930
PT10-SO	8027932
PT10-LO	8027934
JBXHTM	8027883

JBXHTM high temperature modification replaces polyester junction box with a fiberglass box.

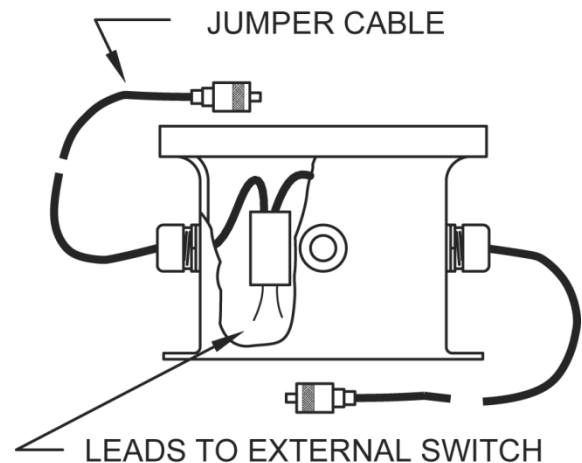
A PT10-xC probe integrator is used with a normally closed (N.C.) switch. If a switch can be configured to operate in the N.C. mode, it is recommended to do so. A PT10-xO probe integrator is used with a switch that must be configured normally open (N. O.).

**PROBE INTEGRATOR TECHNICAL DATA:**

- Operating Temperature: 0°F to 176°F (-18°C to 80°C)
- Maximum Temperature of Probe Integrator 140°F (60°C) in Hazardous Areas.
- Probe Integrator Jumper Cable Length: 60 ft (18 m)

**JUNCTION BOX:**

- NEMA 4X (IP66) 10" x 8" x 4" (250 mm x 200 mm x 100 mm)
- Maximum Temperature: 150°F (65°C)
- JBXHTM enclosure available for maximum operating temperature of 176°F (80°C)



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