JBS-100-ECx Electronic Thermostat Series

nVent RAYCHEM JBS-100 series combines a single-entry power connection with an electronic line sensing controller, providing local control of single circuit nVent RAYCHEM polymeric or mineral insulated (MI) cables in non-hazardous locations. Includes digital display of temperatures and alarm conditions. Pipe or wall mounted versions available, with replacement kits.

FEATURES

Simple to install, program and operate

Digital display guides the programming and indicates process temperature, set point and alarm conditions

Reduces total installed cost, through materials and labor savings

Adjustable set point control range: 32 °F to 425 °F/0 °C to 218 °C

Electrical rating and switch: 30 A at 277 VAC, double-pole mechanical switch

Reliable during long life

SPECIFICATIONS

NEMA Rating:	4X
Current Rating:	30 A
Depth:	89 mm
Supply Voltage:	100 – 277 V
Height:	160 mm
Width:	160 mm
Thermostat Type:	Electronic
Material:	Fiber-Reinforced Plastic
Area Classification:	Non-Hazardous

Table 1/1			
Catalog Number	**Item Name**	**Mounting**	**Controller Temperature Setting**
P000000180	JBS-100-ECP-A	On Pipe	0 – 218 °C
P000000181	JBS-100-ECW-A	Wall Mounted	0 – 218 °C

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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