

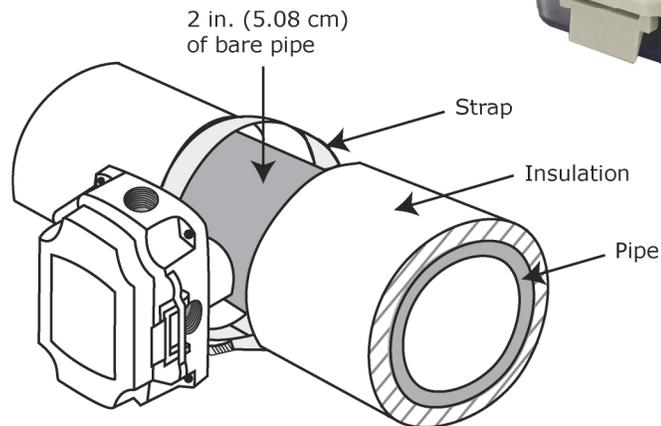
ZS CLAMP-ON SENSOR - Communicating

The OEMCtrl® line of ZS sensors communicates on Rnet, the dedicated sensor network. This reduces the number of inputs needed on the controller and provides the added benefit of simplifying I/O wiring by allowing for daisy-chaining of sensors on the Rnet. The clamp-on sensors are designed to monitor water temperature in retrofit or filled pipe applications. Using a bendable copper sensing plate which forms to the curvature of the pipe, it measures the water temperature by sensing the surface temperature of the pipe. The strap fits around the outside of a pipe, which may help reduce installation cost.

Designed to work with all OEMCtrl controllers, the ZS communicating sensor line includes zone sensors, duct sensors, averaging sensors, immersion sensors, clamp-on sensors, and outdoor air sensors.



**ZS Clamp-on
Temperature Sensor**



Part #	Description	Sensing	Fits
ZSS-B-2-6-B	ZS Clamp-on, Temp Only	Temp	2" to 5" pipe diameter (5.08mm to 12.7mm)

Specifications

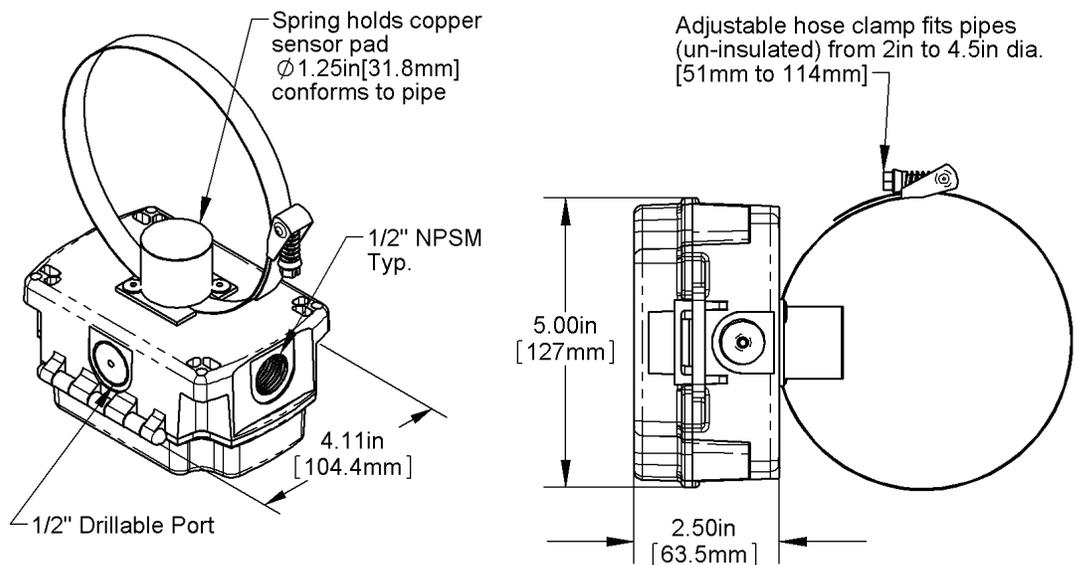
Sensing Element	Range	Accuracy
Temperature (sensing element)	20° F to 120° F (-5° C to 50° C)	±0.36° F (0.2° C)
Temperature (system)	20° F to 120° F (-5° C to 50° C)	±0.9° F (0.5° C)
Power Requirements	12 Vdc @ 6 mA	
Power Supply	A controller supplies the Rnet sensor network with 12 Vdc @ 210 mA. Additional power may be required for your application. See ZS Sensors Installation Guide.	
Communication	115 kbps Rnet connection between sensor(s) and controller 15 sensors max per Rnet network; 5 sensors max per control program	
Environmental Operating Range	-40° F to 158° F (-40° to 70° C), 0% to 100% relative humidity, non-condensing	
Enclosure	Material Polycarbonate, UL94V-0	Rating NEMA 4, IP66, UV rated
Sensor Pad	1.25" (3.18 cm) diameter copper	
Pipe Mounting	.5 in. (1.27 cm) stainless steel worm gear hose clamp	
Listed By	FCC Part 15-Subpart B-Class B, CE	

Enclosure Dimensions

W = 5.0" (12.7 cm)

H = 4-3/32" (10.4 cm)

D = 2-1/2" (6.35 cm)



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