winegrid

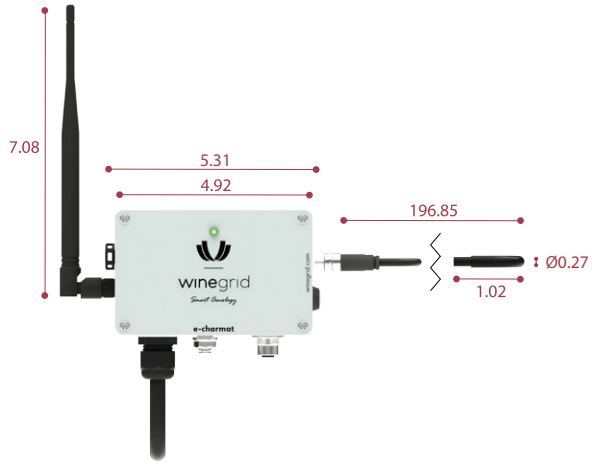
Smart Oenology

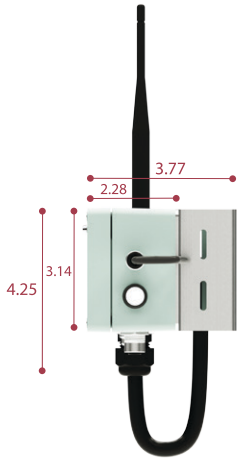
e-charmat

SENSOR FOR REMOTE AND REAL-TIME MONITORING OF SECOND FERMENTATION WITH PROPRIETARY TECHNOLOGY

PRESSURE

Wireless connectivity
Plug & Play
Optimised for tanks
WINEGRID platform compatibility





(inches)

TECHNICAL SPECIFICATIONS

ENCLOSURE MATERIAL	Aluminium
ENCLOSURE PROTECTION	IP65
DIMENSIONS	Enclosure 4.92 x 3.14 x 2.28 inches
WEIGHT	2.20 lbs
COMMUNICATION	LoRa: distance up to 1.24 miles
LORA FREQUENCY P2P	LoRa P2P: **EU** - 868.1 MHz I **US/AU** - 925.3 MHz
POWER SUPPLY	
TYPE	AC or DC
CABLE LENGTH	≈ 6.56 feet
VOLTAGE	24V
CURRENT	1A
PRESSURE	
OPERATION RANGE	0-145 Psi
RESOLUTION	0.15 Psi
ACCURACY	+- 0.73 Psi
INPUT DIAMETER	Ø 5/32 inches
TEMPERATURE	
OPERATION RANGE	[14; 185] °F
RESOLUTION	0.18 °F
ACCURACY	± 0.90 °F
PROBE DIMENSIONS	Ø 0.28 x 1.02 inches

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