

Selection and ordering data

SITRANS CU02 Control unit Set-point alarm controller, for use with AS100 acoustic sensor.		Article No. 7MH7562- ● ● ●		
Click on the Article No. for the online configuration in the PIA Life Cycle Portal.				
Power Supply				
100 V AC		1		
115 V AC		2		
200 V AC		3		
230 V AC		4		
Enclosure				
Standard DIN Rail			A	
Approvals				
Ordinary Locations/General Purpose (Non-Ex), cCSA _{US} , CE, UKCA, RCM, EAC, KC				A

Selection and Ordering data	Order code
Further designs	
Please add "-Z" to Article No. and specify Order code(s).	
Manufacturer's test certificate: According to EN 10204-2.2	C11
Acrylic coated, stainless steel tag [38 x 51 mm (1.5 x 2 inch)]:	Y18
Measuring-point number/identification (max. 16 characters), specify in plain text	
Operating Instructions	
All literature is available to download for free, in a range of languages, at http://www.siemens.com/processinstrumentation/documentation	

Process Protection

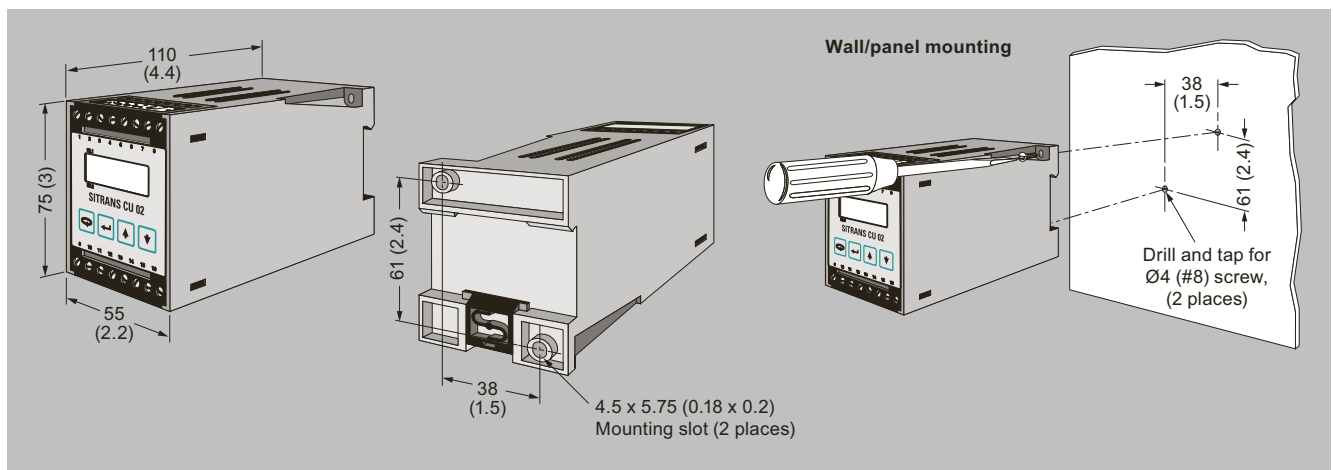
Acoustic sensors

SITRANS CU02 Control Unit

Technical specifications

SITRANS CU02 Control unit	
Mode of operation	
Measuring principle	Controller for acoustic sensing (SITRANS AS100)
Typical application	Connects to SITRANS AS100 to detect burst filter bag
Input	0 ... 10 V DC, from sensor
Output	
Output signal	4 ... 20 mA isolated output, 2 Form C relays - latching or non-latching - 5 amp at 250 V AC non-inductive
Sensor excitation	26 V DC
Max. load	750 Ω
Rated operating conditions	
Installation conditions	
• Location	Indoor
Ambient conditions	
• Ambient temperature for enclosure	-20 ... +50 °C (-4 ... +122 °F)
• Storage temperature	-20 ... +50 °C (-4 ... +122 °F)
• Relative humidity	80 % for temperatures up to 50 °C (122 °F)
• Degree of protection	IP20
• Installation category	II
• Pollution degree	2
Design	
Weight	550 g (18 oz)
Dimensions (W x H x D)	55 x 75 x 110 mm (2.2 x 3 x 4.4 inch)
Material enclosure	Polycarbonate
Mounting	DIN Rail (DIN 46277 or DIN EN 50022), or wall mount, up to 500 m (1 500 ft) from sensor
Cable	2 twisted pair, 24 AWG (22 mm ²), shielded. Mount up to 500 m (1 500 ft) from sensor
Display	Liquid crystal, three digits, 9 mm (0.35 inch), high and multi-segment graphic symbols for operation status
Power supply	
Supply voltage	100, 115, 200, 230 V AC $\pm$ 15 %, 50/60 Hz, factory set
Power consumption	Max. 10 VA
Approvals	cCSAUS, CE, UKCA, RCM, EAC, KC

Dimensional drawings



SITRANS CU02, dimensions in mm (inch)