



Hazardous

Room & Duct/Immersion Series

The ACI Hazardous Sensor Series is offered with an explosion proof head, which includes an O-ring, gasket, ground screw, (2) 1/2" NPT female openings, and mounting holes in the base of the housing for ease of installation. The condulet enclosure has a UL Listing of 886 and meets the following: CL. I, DIV. 1 & 2, GR. A, B, C, D; CL. II, DIV. 1, GR. E, F, G; CL.II, DIV. 2, GR. F,G; CL. III; NEMA 3,4, 7ABCD, 9EFG. (Please note: This product should be installed by a trained professional with knowledge of local codes and regulations).

The ACI Hazardous Sensor Series is covered by ACI's Five (5) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's web site, www.workaci.com.



Specifications



Explosion Proof	Class I, Div. 1 & 2, Groups A,B,C,D
Dust-Ignition Proof	Class II, Div. 1, Groups E,F,G
Raintight	Class II, Div. 2, Groups F,G
Wet Locations	Class III
Room, Duct 2", Immersion 2.5" Probe Length (Insertion Length)	3.63"
Duct 4" Probe Length (Insertion Length)	4.00"
Immersion 4" Probe Length (Insertion Length)	5.00"
Immersion 6" Probe Length (Insertion Length)	7.25"
Duct 8" Probe Length (Insertion Length)	8.00"
Duct 12", Immersion 12" Probe Length (Insertion Length)	12.88"
Duct 18", Immersion 18" Probe Length (Insertion Length)	17.88"
Product Dimensions (Wall Mount)	(DIA) 3.75" (H) 2.53"
Product Dimensions (Duct)	(DIA) 4.05" (W) 5.38" (H) 3.77"
Product Dimensions (Immersion)	(DIA) 4.05" (W) 5.38" (H) 3.77"
Product Dimensions (Immersion, Machined Well)	(DIA) 4.05" (W) 5.38" (H) 3.77"

Ordering



Select one Series (A). If a TT is selected, complete (B), (C), (D), & (E). If a TT version is not selected, only complete (C) & (D). Two piece thermowells are not intended for moving water or high pressure service. Fluid velocity and wake frequency are primary factors in well failure. Machined thermowells should be used in these types of applications. Two part thermowells are intended for tank, or low to no flow, applications. *See Thermowell data sheet for proper well selection for all Immersion related sensors.

A Sensor S	ieries			
OA/CP (Only C	omplete C & D)	○ A/3K (Only Complete C & D)	A/100-2W (Only Complete C & D)	○ A/TT1K (Complete B,C,D,E)
OA/AN (Only C	Complete C & D)	○ A/1.8K (Only Complete C & D)	A/1K-2W (Only Complete C & D)	○ A/TTM100 (Complete B,C,D,E)
Only	Complete C & D)	○ A/20K (Only Complete C & D)	A/TT100 (Complete B,C,D,E)	○ A/TTM1K (Complete B,C,D,E)
B Span		C Configuration	D Length	E Output
B Span ○ 40 to 90°F	ି 40 to 240ବା		D Length O (No Length)	Coutput
	○ 40 to 240°l ○ -30 to 130°	R (Room)		
○ 40 to 90°F	0	R (Room)	O (No Length)	○ 1 (1 to 5 VDC)

Build your part number



After completing (A), (B), (C), (D), & (E) from the above table, fill in the Part Number Table below. "Classification" is a factory default. An example part number is offered.



EXAMPLE: A/AN - R - EXPL



