

Datasheet
Type **AS8**

Technical data

Auxiliary voltage U_b :	230 V \pm 10%, 50 Hz
Power consumption:	Approx. 3.2 VA...5 VA
Sensor circuit (intrinsically safe and self-monitoring):	U_o : 7.2 V, I_o : 89 mA, C_o : 13,5 μ F, L_o : 5mH
Relay-switching current circuit:	1-3 limit value relay with zero potential switch-over contacts.
Relay breaking capacity:	Max. 1 A, max. 250 VAC, max. 250 VA
Switching function:	When the limit value is reached, the relay is released.
Response delay::	1 sec. \pm 50%
Output:	2 resp. 3 zero potential switch-over contact.
Switching state:	When the limit value is reached, the red LED lights up.
Type of protection:	IP54
Temperature range:	-20°C to 40°C
Dimensions:	H x W x D: 132 x 71 x 137 mm
Ex-classification:	[EEx ia] IIC
Sensor types for operation in Ex-environment:	AF1S, AF21, AF23, AF33, AF35, AF42.
Sensor types for all other applications:	AF6, AF24, AF26, AF31, AF32, AF36
Variations:	
Type AS8.2:	With two sensor circuits and two zero potential switching contacts.
Type AS8.3:	With three sensor circuits and three zero potential switching contacts.

Remarks:

The control unit is to be installed outside the explosion-hazard area.

The sensor circuits are to be galvanically separated from all other electrical circuits up to a maximum nominal voltage value of 375V.

The highest permitted ambient temperature is +40°C.

The control unit is only designated for operation with Aquasant® sensors.

Connection diagram:

