

**Datasheet**
**Type** **AS 1**

**Technical data**

Auxiliary voltage $U_b$ :	230 V $\pm$ 10%, 50 Hz
Power consumption:	approx. 2.3 VA
Sensor circuit (intrinsically safe and self-monitoring):	$U_o$ : 7.2 V, $I_o$ : 77 mA, $C_o$ : 13,5 $\mu$ F, $L_o$ : 6 mH
Relay-switching current circuit:	Two 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%
Switching state:	When the limit value is reached, the red LED lights up. Type AS1.2 is additionally equipped with a re-settable acoustic alarm.
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 AS1.2	With acoustic alarm

**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:**
