



The Type 9555 module is designed to accept up to four frequency and/or pulse inputs generated by passive or active devices located in Zone 0, 1 gas group IIC or a Class I, Division 1 or 2 hazardous area. When combined with the automation system, it is possible to undertake quantity dosing by switching off the flow via an output module when a preselected limit value has been reached.

The module may be configured to monitor either frequencies, pulses, or a combination of both. Two basic versions are available one for NAMUR proximity sensors, the other for voltage inputs.

Application	frequency or pulse inputs
Number of inputs	4
Isolation	point to USE point to ground point to point

Input Characteristics	
Input voltage	9555/10-14 8VDC, NAMUR 9555/10-24 8 to 24VDC
Threshold	9555/10-14 $1.2\text{mA} < S < 2.1\text{mA}$ 9555/10-24 $6\text{V} < S < 8\text{V}$
Frequency	0...20kHz selectable

External power, SVB	
Module	
for input 1	19V/37mA
for inputs 2, 3, 4	3 x 19V/16mA
Field	
9555/10-14	from module
9555/10-24	determined by field device

Diagnostics	
open-circuit, short-circuit, module failure	

