

Field Station VOS 200 Discrete Output Module Type 9571



The Type 9571 is designed to provide intrinsically safe connections to solenoid valves, LED indicators, or audible alarms installed in Zone 0, 1 gas group IIC or a Class I, Division 1 or 2 hazardous area.

The eight mutually independent controllable open-collector outputs are connected as switches in an intrinsically safe circuit. They are supplied by connecting the intrinsically safe output of the Type 9581 power supply into the circuit. The eight short-circuit-proof outputs are galvanically linked.

If the module receives either no or corrupted data from the central unit the switching transistors are automatically placed into a nonconducting state.

Application	solenoid valves, LED indicators audible alarms
Number of outputs	8
Isolation	point to USE point to ground

Output characteristics	
Type	open-collector
Switching capacity	30V/200mA
Switching threshold	<1.5V @ 200mA <0.3V @ 40mA
Short-circuit-proof	yes

External power, SVB	
Module	19V/20mA
Field SVB-148	19V/27mA per output
SVB-248	19V/40mA per output
SVB-107	24V/367 Ω per output, suitable for booster solenoid valves

Diagnostics	
Safety Position reverts to logic 0	

