



**Ideal as a safety device for combustibles
processing lines and shredding processes**

Spark Detector SD 2/4E

NEW

- Since product launch in 1977, and after repeated upgrades, more than 2,800 sets of instantaneous detection device that detects sparks passing through the duct have been delivered.
- The device is able to respond quicker than smoke and heat detectors and can prevent fires and dust explosions by working in conjunction with the emergency stop functions, fire alarms and damper devices of pneumatic conveyors.
- The E type detector, developed based on years of experience, allows for more reliable detection.

Specifications

Model		SD-2E	SD-4E
Configuration (quantity)	Control Panel	1	1
	Detector	2	4
	Tester	2	4
Duct diameter mmφ		150~750	150~1000
Wind speed in pipe		30 m/s or less	
Sensitivity angle		120°	
Operating time		Within 30 ms	
Operating temperature		Room temperature	
Control output		Non-voltage 3C relay contact Non-contact voltage output Within 2A at power supply for driving solenoid valve for fire extinguishing	
Output mode		Relay excitation during normal operation	
Operation test		The same operation test as for spark detection can be performed with the test button.	
Power 50/60Hz		AC100/200V	

※Please contact us for non-standard specifications.

Safety devices

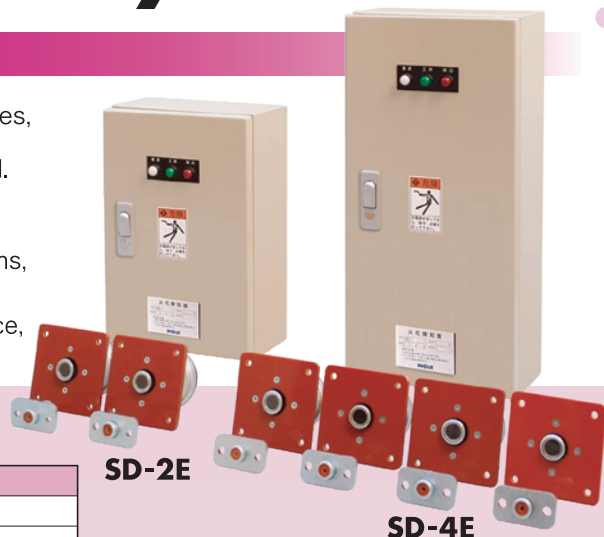


① Wide sander

② Spark detector
(For detection)

④ Spark detector
(For checking)

③ Spark shutoff valve



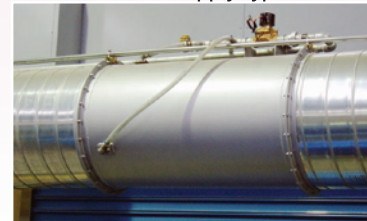
When sensor is mounted



Spark shutoff valve



Water fire extinguishing pressure tank
Automatic water supply type



Water fire extinguishing duct