



Lab Safety Equipment

585 SERIES

Emergency Stop Button

The 585 Series Emergency Stop Button provides a remote means of initiating emergency shutdown of any gas supply connected to the 585 series Emergency Shut Off Controller with 586 Series Emergency Shutdown valves. With a highly visible red push to lock, twist to reset stop button, the normally closed relay is safely housed inside a bright yellow NEMA 4 control box. Once pushed, the normally closed relay opens and signals shutdown to the controller. Easy installation is achieved with multiple knockouts for conduit or cable wiring, and custom units may be ordered on request. The emergency stop button is ideal for point of use or emergency exit locations that are remote from the controller and gas sources.



Specifications

Mechanical Life:	300,000 operations
Operating Force:	1.8lbs (0.8 kg)
Mounting Adapter:	The adapter is fixed to the mounting surface by means of incorporated screws
Construction:	Polyamide and polycarbonate
Environmental Rating:	IP65; NEMA 4, 13
Relay:	Single pole, single throw, normally closed (NC)
Operating Temperature:	-13°F to 140°F (-25°C to 60°C)

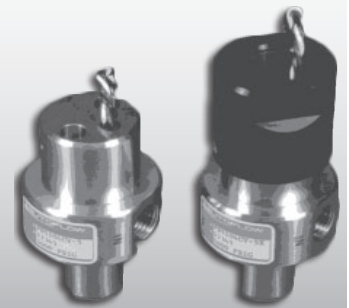
Ordering Information

Order No.	Description
585 2001	Emergency shut off button

580 SERIES

Excess Flow Switches

The 580 Series Excess Flow Switches are designed to precisely detect increasing flow rates of gases in critical processes. When connected to the 585 Series Emergency Shut Off controller, they ensure immediate shutdown of any gas line in the event of a pipeline break or abnormal flow condition. The electrical switch is operated by a high energy permanent magnet. All wetted parts are 316L stainless steel for compatibility with any gas service. They are explosion proof, compact, field adjustable and linear with a wide range of flows and inlet pressures to suit any installation where excess flow shutdown is required.



Ordering Information

Order No.	End Fittings	Body and Wetted Parts	Max Inlet	Flow Range
580 4001	1/4" FPT x 1/4" FPT	316L stainless steel	3000 PSIG (210 BAR)	1 to 10 lpm (2 SCFH to 20 SCFH)
580 4002	1/4" FPT x 1/4" FPT	316L stainless steel	1000 PSIG (69 BAR)	1 to 120 lpm (2 SCFH to 240 SCFH)
580 4003	1/4" FPT x 1/4" FPT	316L stainless steel	3000 PSIG (210 BAR)	1 to 20 lpm (2 SCFH to 40 SCFH)