



HAZARDOUS LOCATIONS

EXPLOSION PROOF AIR FLOW PADDLE SWITCH

AFE-1

DESCRIPTION

The **McDonnell & Miller Model AFE-1 Explosion Proof Air Flow Switch** are used to prove flow in ducts in hazardous areas. The **ASE-1** has an external adjustment of setpoint so one does not have to remove the explosion proof housing.

NEW!



AFE-1



FEATURES

- Explosion proof Class I, Div. I Group C, D; Class II Div II Group E, F, G
- SPDT switch

SPECIFICATIONS

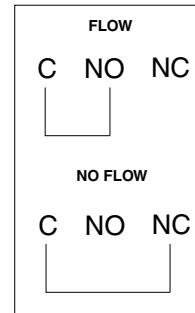
Relay Type	SPDT (See ratings below)	Ambient Temperature	120°F (49°C) max.
Media Temperature	Maximum 275°F (135°C)	Installation	Vertical (Preferred) or Side mount
Connection	1/2" female conduit	Dimensions	9.7"H x 7.3"W x 4.6"D (24.7 x 18.4 x 11.7 cm)
Enclosure Rating	NEMA 7 & 9	Weight	6 lb (2.7 Kg)
Area	Explosionproof Class I, Division 1, Group C, D; Class II, Division 1, Groups E, F, G	Approvals	UL File E33552, CSA
		Warranty	1 year

8

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WIRING

Electrical Ratings		
Motor Ratings	120V	240V
AC full load amps	7.4	3.6
AC locked rotor amps	44.4	22.2
Pilot Duty -125 VA @ 120.240 VAC, 50.60 Hz		



ADJUSTMENTS: TYPICAL FLOW RATES

Flow Rates	Horizontal Duct Only	Adjustments	
		Top Mount (Preferred)	Side Mount
Minimum	Flow	300 FPM (91 MPM)	400 FPM (122 MPM)
Minimum	No Flow	100 FPM (30 MPM)	100 FPM (30 MPM)
Maximum	Flow	1900 FPM (579 MPM)	1900 FPM (579 MPM)
Maximum	No Flow	500 FPM (152 MPM)	900 FPM (274 MPM)

ORDERING INFORMATION

MODEL	DESCRIPTION
AFE-1	Explosionproof air flow paddle switch

NEW!