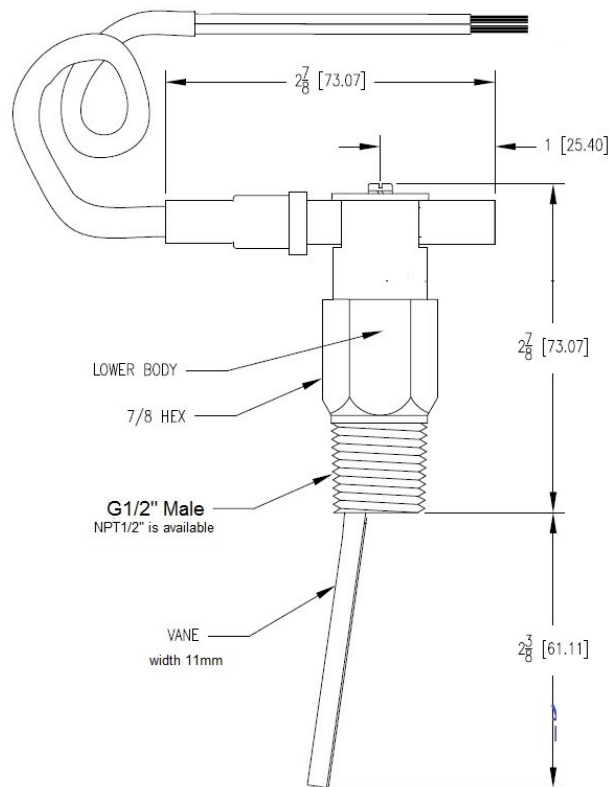


GE-316-B Insert Type Ex Flow Switches

1. Brief Introduction:

GE-316 Flow Switch is mainly used for Hazardous Area, it adopt **Intrinsically Safe Explosion Proof** structure with SS304 body, Certified ATEX **Ex ia IIC/IIIC T6** Rated for use in Explosion Proof Environments Gas & Dust Zones 1, 2, 21 & 22. The GE-316 Series ultra compact flow switch is designed and engineered to monitor liquid, gas and air flows.



2. Pipe Connection

2.1 This Explosion Proof Flow Switch should be installed at the top of a horizontal pipe, it could work for vertical pipe too, but the flow direction should be upward.

2.2 The connection could be G1/2" , NPT thread is available.

2.3 The install location should far away the elbow or valve to avoid the turbulence flow.

2.4 The max pressure could not exceed 50Bar



3. Wire Connection for the ATEX Flow Switch

3.1 GE-316 is a series products, if the client don't claim to require for ATEX type, we will supply a common non-proof Explosion type with Normal Open Switch.

Max Loading: 220V 0.1A; 110VAC 0.1A; 24VDC 1.0A

3.2 If ATEX type, the standard Explosion Proof Grade is ExiaIICT6, the cable must be connect with safety barrier (ExiaIIC, $U_m \leq 250V$, $U_o \leq 24V$ DC, $I_o \leq 100mA$, $P_o \leq 2.4W$, $C_o \leq 1.7\mu F$),

Standard cable is intrinsically safe cable, the length is 1000mm, if lengthen the cable, should turn off the power, add an Ex type connector for the connection of the wire end.

4. Adjustable of GE-316 Flow Switch

Adjustable is not recommended, if any special requirement, please declare it when place the order, we will pre-set at the factory