

Attachment Switch for NFPA comply

General

The product is for comply with NFPA 4.3.4
 The product can be mounted directly on the 308142 Solenoid valve.
 The switch can 'see' if the solenoid is not connected to the valve.
 The product is intended to be used in a ATEX Zone 2 classified area.



Electrical connection

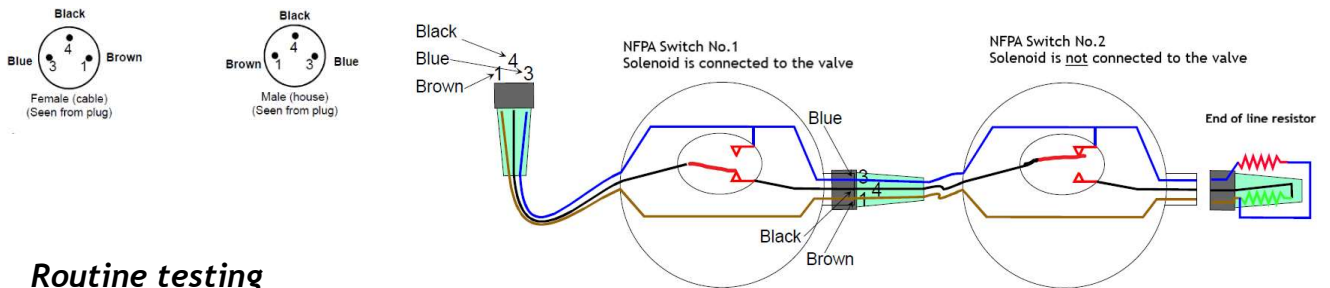
The 2 m cable 303003(NOT included) is connected to the monitoring circuit, by connecting the brown and the black wire.

Several switches can be connected in a daisy-chain with an end of line resistor at the last switch. In this way a full monitoring of all switches is possible in a nice and simple way, eliminating the risk of having short circuits or broken lines not being indicated as a fault.

If one of the solenoids valves a disconnected, the whole circuitry will indicate fault.

If the distance between them are too long, extensions cables are available in following editions: 303004 0,6m,303005 1,0m, 303006 2m

The M8 connectors are numbered and wires are colored as follows:



Routine testing

Verify correct circuitry by removing the solenoid and the end of line resistors annually.
 Local authorities may require additional testing.

Specifications

Area Classification "Gas":

Zone 2: Area in which an explosive atmosphere in the form of gas concentration in air can occur for a short period due to a breakdown or malfunction.

Ambient temperature:	-20 to +89°C
Switch rating	250Vac 1A
Materials:	Steel, Stainless steel, ABS
End of line resistor (Included):	Item no. 303002 Terminator M8-3 -OR0
Other editions are available	



Markings:

Switch:	Microswitch MFI-5EX:	Class II 3G Zone 2.	IECEX EXA 17.0002U
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Vølundsvej 17
 DK- 3400 Hillerød
 Tel +45 7022 2769
 Fax +45 7023 2769