

Single level pressure switch Type 760

Description

The type 760 pressure switch consists of a moving diaphragm and disc which activate a changeover contact (snap action).

The contact can be calibrated to trip and reset at the desired pressure levels, as specified in fig. 6 (diagram A).

The main contact may also close a secondary creep action contact in series when it travels beyond the trip position (flood protection contact)..

The main contact may also have a safety "heating element protector" which allows resetting even if the contacts have welded on the trip side.

The terminals are arranged to accept a 12,5 mm pitch connector, or alternatively rast 5 (see fig. 4).

Applications

The main application is to control the level of water in appliances.

May also provide flood protection and heater protection.

Mechanical

Available with lateral spout, angular position as specified by customer (α), or with CENTRAL spout.

On the lateral spout version, the cap can have an integral clip for snap-in mounting. The mounting position must be indicated on the customer's drawing as it has an influence on calibration.

Mounting

The pressure switch may be snap-mounted onto a steel or plastic panel or using a bracket and 3,5x11 mm self-tapping screws.

Electrical characteristics

MAIN CONTACT

Max voltage: 250 VAC
Resistive load max: 16 A
Motor load max: 4 A

FLOOD PROTECTION CONTACT

Max voltage: 250 VAC
Resistive load max: 1 A
Motor load max: 1 A

HEATING ELEM. PROTECT. CONTACT

Max voltage: 250 VAC
Resistive load max: 0,1 A



Frequency: 50-60 Hz
Duty: Frequent
Contact clearance: μ (<3 mm)
Max pressure: 5.000 PA
Max ambient temp.: 85°C max
Dielectric strenght between terminals and support: >2,75 KV (1 min)

Resistance between terminals and support: >50 M Ω

The terminal housing is made from plastic resistant to GLOW-WIRE TEST at 850°C.

The product meets the requirements of EN 60335, EN 60730-2-6 (Safety of electrical appliances) and is approved by the principal European authorities: IMQ, VDE, UTE, SEMKO, DEMKO, NEMKO, FEMKO, KEMA KEUR, ASE/SEV, BEAB, OEVE.

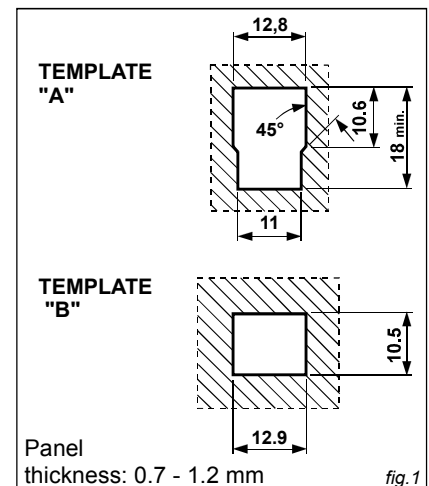
The pressure switch can be supplied in a version which complies with UL and CSA requirements:

Max voltage: 125/250 V
50-60 Hz
Resistive load: 15/10 A

VERS. FOR ELECTRONIC CONTROLS

Max voltage: 5 V
Max resistive load: 5 mA

Panel mounting



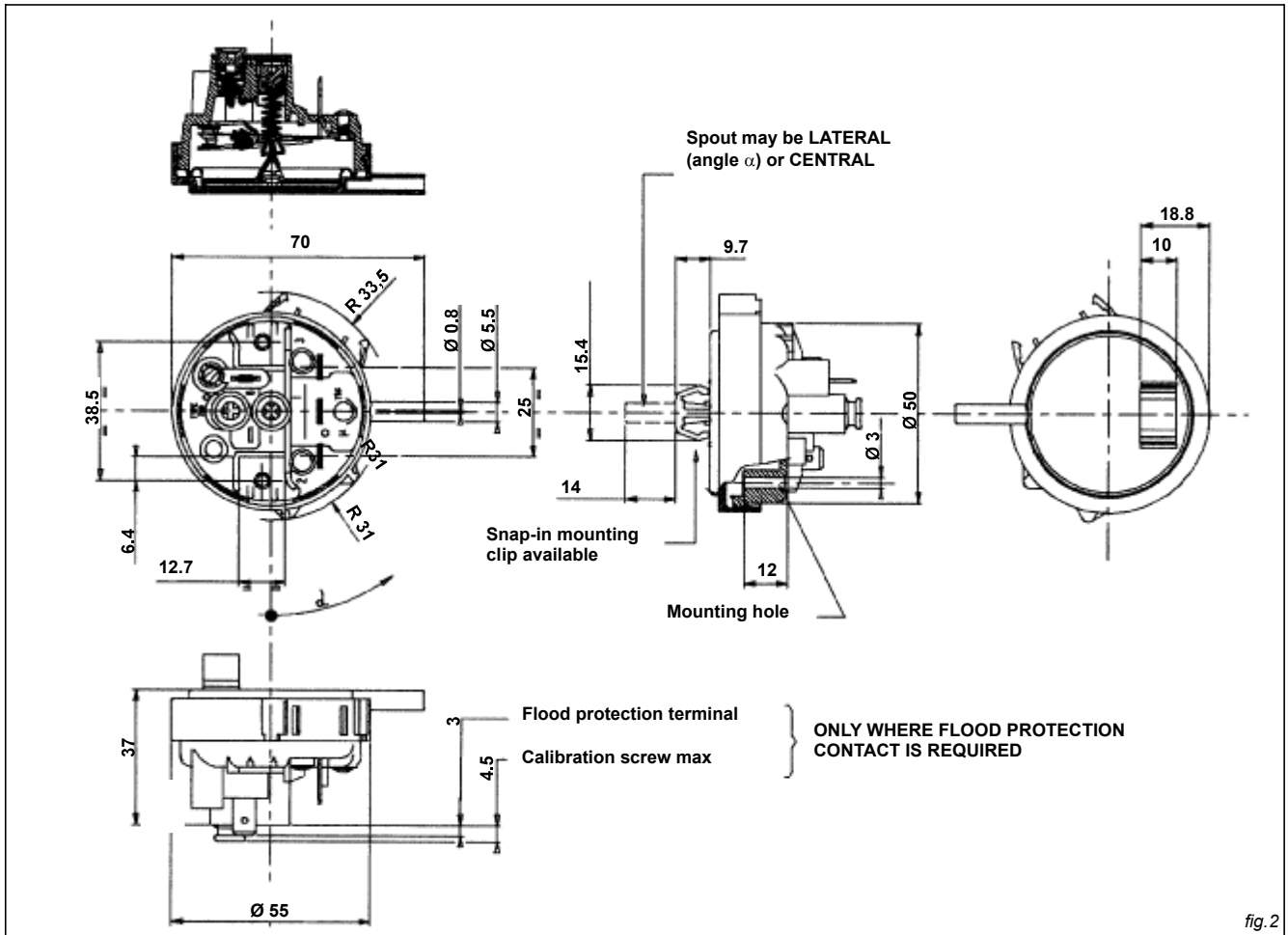
Removal of device from panel

With template "A", rotate the device through 90° and remove.

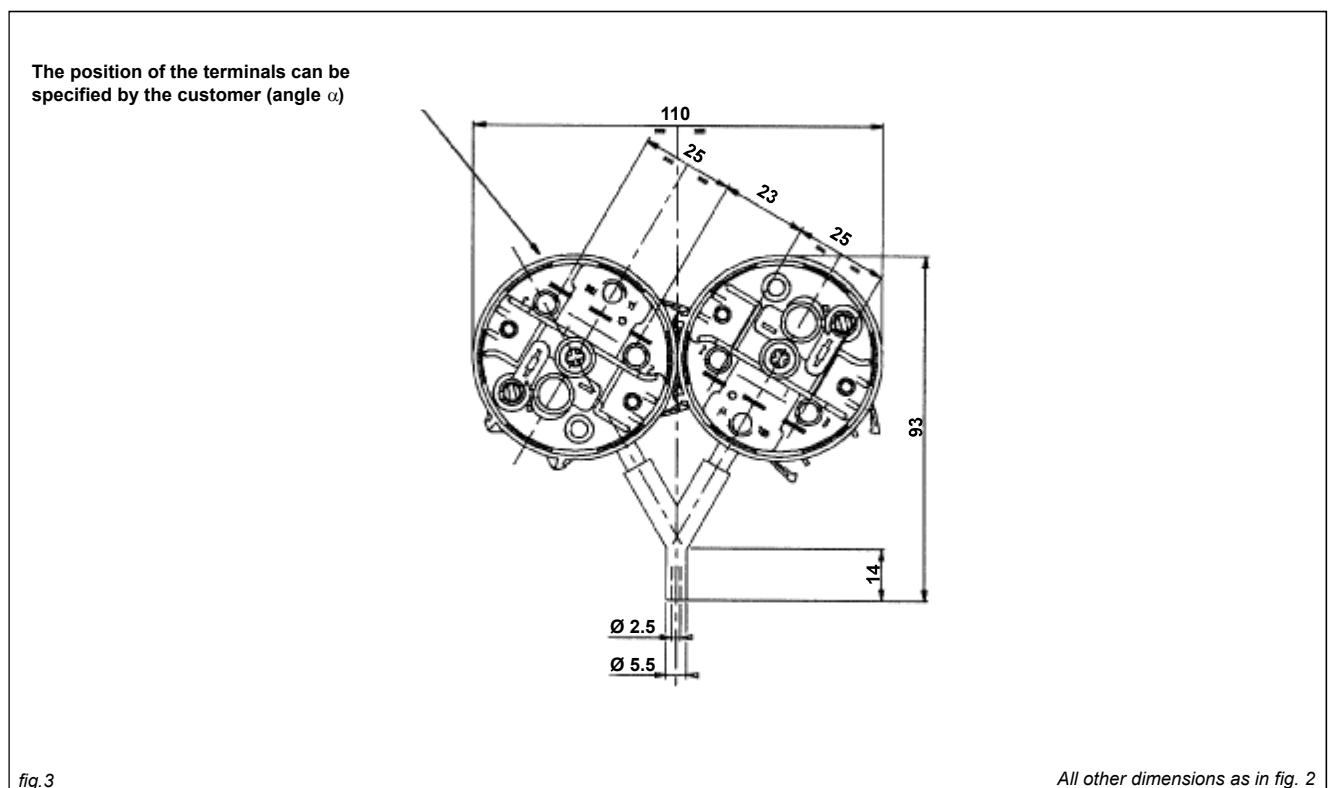
With template "B", close the two clips using pliers and remove.

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Basic single level version

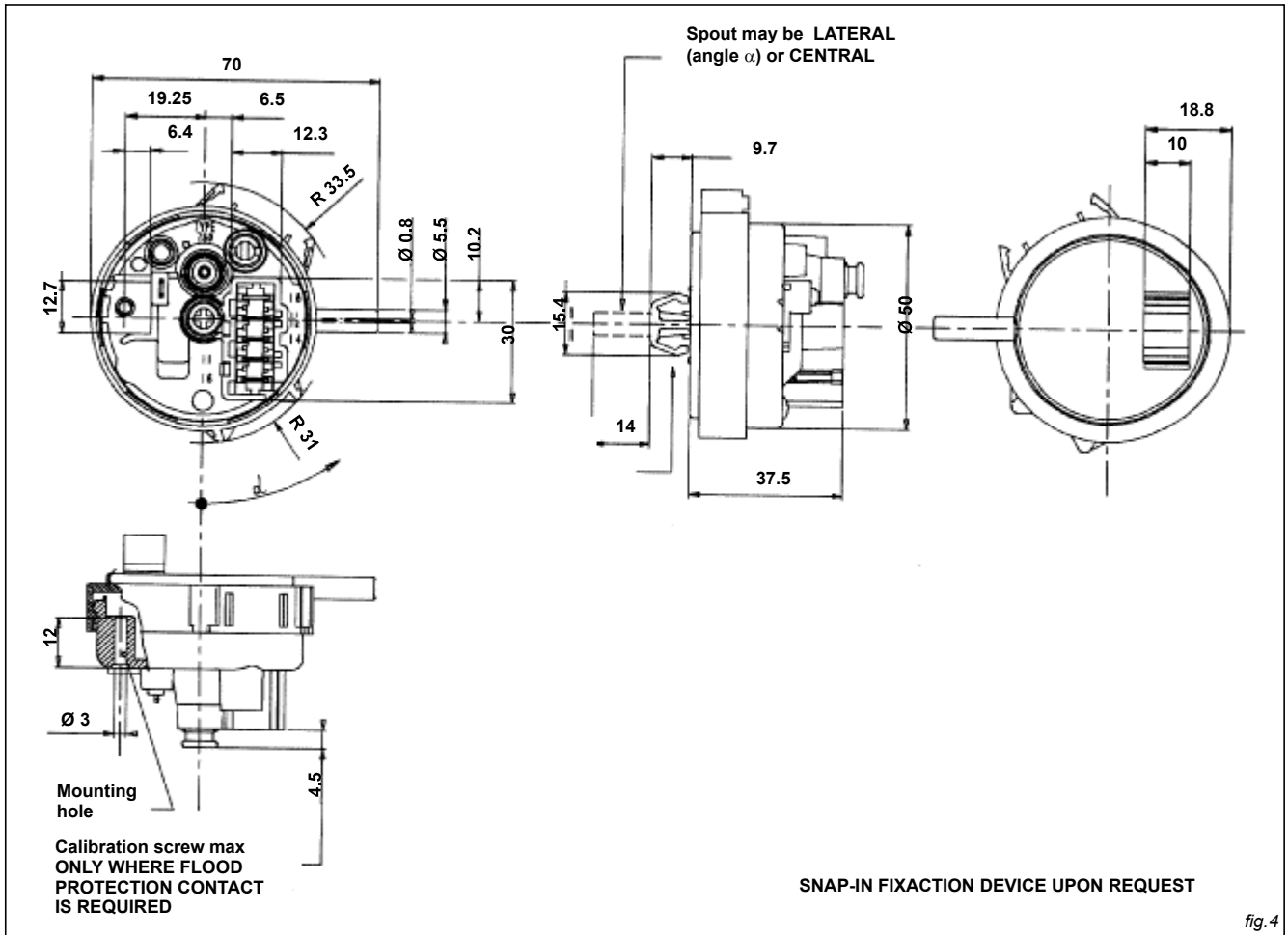


Two level version (dimensions)

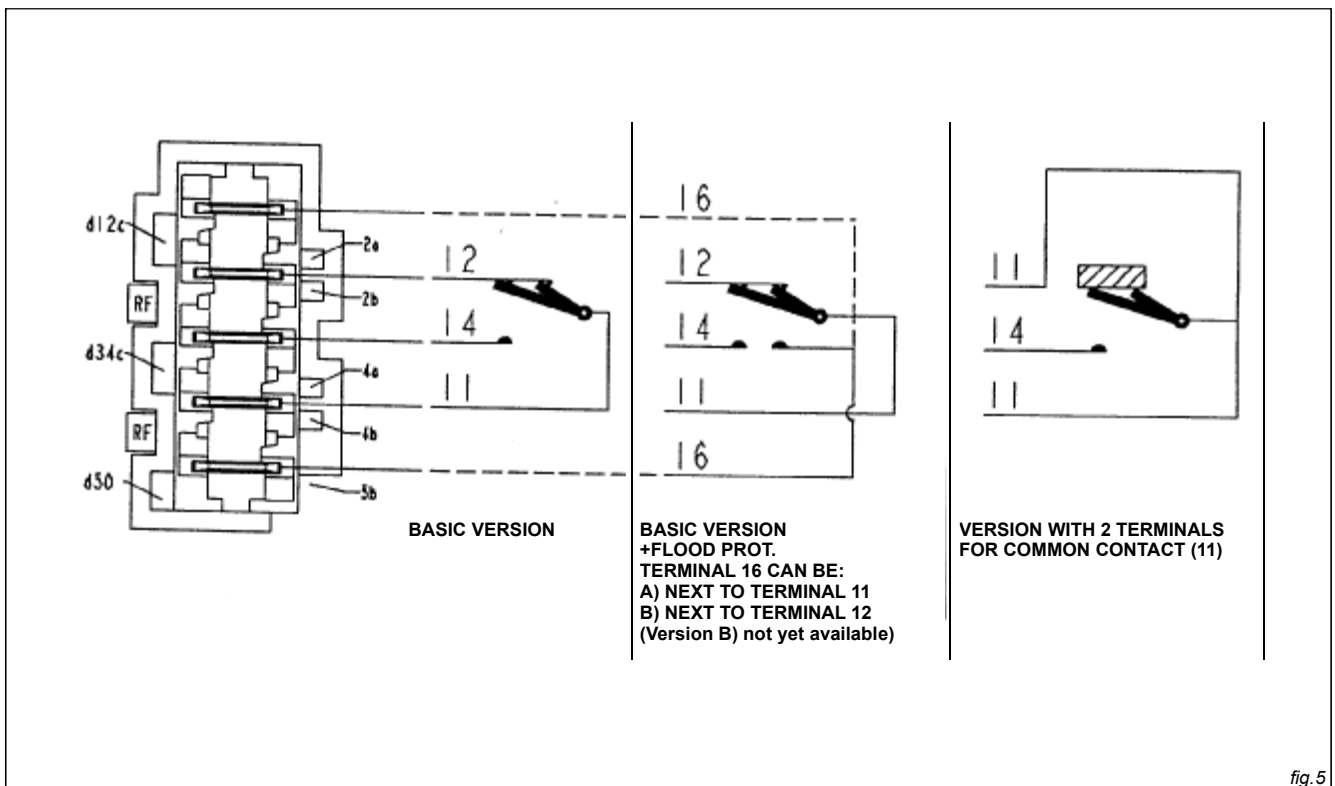


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Rast 5 terminal version

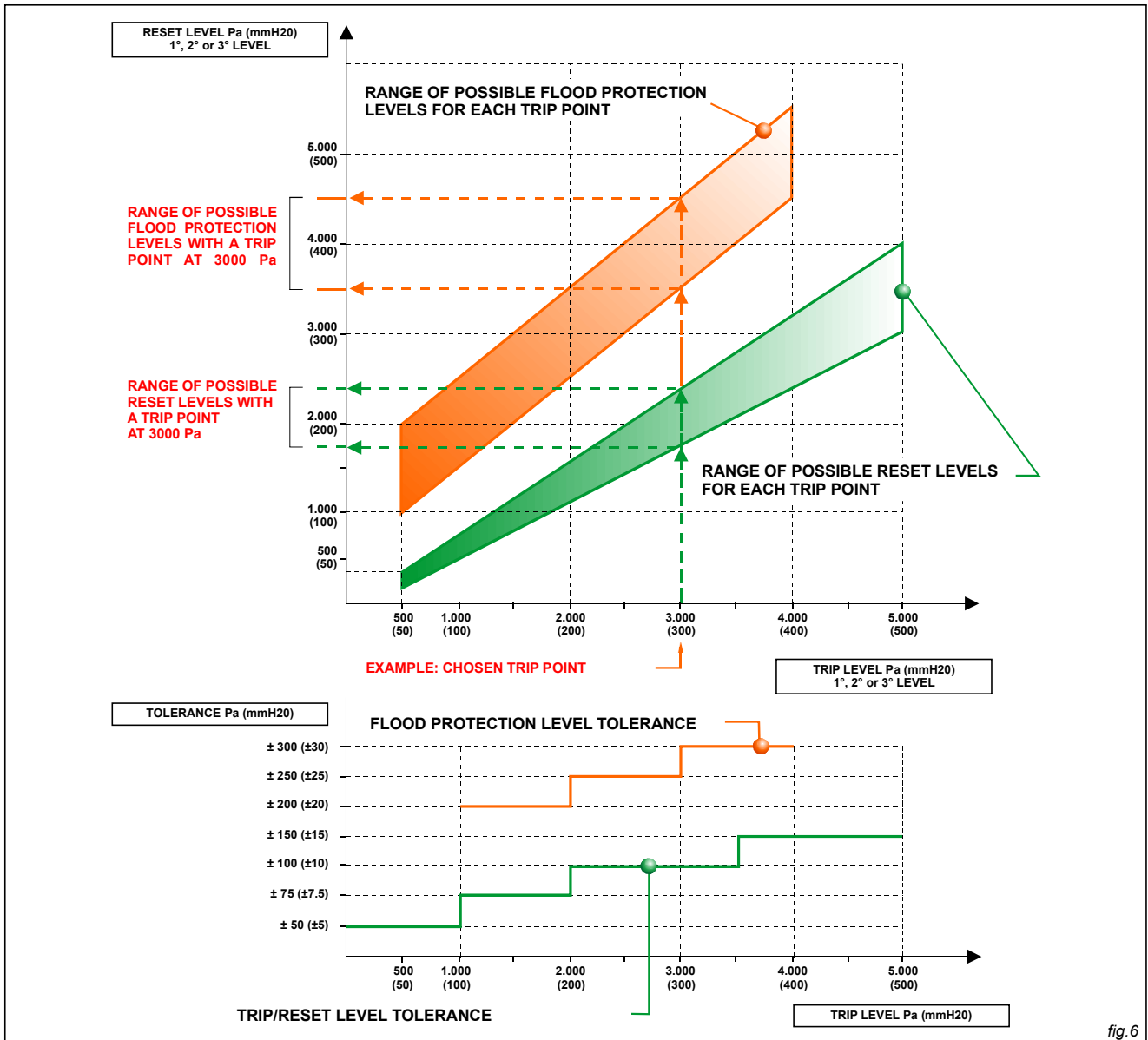


Terminal configurations



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Diagram "A"



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