



## EU DECLARATION OF CONFORMITY



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Declare under our sole responsibility that the product:

Model	PIN AENOR	Description
CAL 22100 / CAL 22100 (A) CAL 22101 / CAL 22101 (A) CAL 22110 / CAL 22110 (A) CAL 22102 / CAL 22102 (A) H31	99CT944	Manually operated multifunctional valve with a flame supervision device for gas burning appliances

To which this declaration relates is in compliance with the regulation UE 2016/426 of the European parliament on appliances burning gaseous fuels

And comply with the standards listed below

- EN 1106:2022: Manually operated taps for gas burning appliances
- EN 126: 2012: Multifunctional controls for gas burning appliances
- EN 125: 2022: Flame supervision devices for gas burning appliances. Thermo-electric flame supervision devices
- EN 13611:2019: Safety and control devices for burners and appliances burning gaseous and/or liquid fuels. General requirements
- ROHS Directive 2011/65/EU and amendment 2015/863/EU

The notified body AENOR (0099) (C/Génova, 6, 28004 Madrid-España) performed the evaluation of the conformity procedure with the type based on the product quality assurance in accordance with the provisions of module E and issued the A01/002180 certificate, on 13/10/2021.

This certificate is valid from 21/08/2023.

Iñigo Peñagarikano  
 Copreci, S. Coop.  
 Laboratory Manager

## Instructions for installation of the product subject to this declaration:

“Consult the instructions before using this device. Installation must meet the regulations in force”

## 1. Technical information for the installer

INSTRUCTIONS	
MODEL	CAL 22100, CAL 22101
GROUP	1
PURPOSE	Built in
CHARACTERISTICS	Number of ways: 1 Maximum pressure: 65 mB Reference flow: 0.250 m <sup>3</sup> /h air with 1 mbar. pressure drop Nominal diameter: <6 T <sup>a</sup> max.: 150°C) T <sup>a</sup> min.: 0°C
NUMBER OF MECHANICAL CYCLES	40000 cycles
MOUNTING POSITION	multiposition
CONNECTIONS	Inlet: bracket Ø16. Outlet: Multiple
TORQUE OF FITTING OUTLET (max)	8 Nm (bicone) 15 Nm (flared pipe)
TORQUE OF FITTING INLET (max)	3 Nm
PUSHING FORCE (max)	30 N
TURNING TORQUE OF SPINDLE (max)	0.2Nm
PULL IN CURRENT	Different options: <ul style="list-style-type: none"> <li>• 200 ÷ 80 mA</li> <li>• 110 ÷ 20 mA</li> <li>• 90 ÷ 10 mA</li> </ul>
OPENING TIME	2 seg (thermocouple optimal position)
CLOSING TIME	< 60seg
PRESSURES RANGE	8 - 65 mbar
GASES OF USE	1st, 2nd y 3th families

INSTRUCTIONS	
MODEL	CAL 22100 A, CAL 22101 A
GROUP	1
PURPOSE	Built in
CHARACTERISTICS	Number of ways: 1 Maximum pressure: 65 mB Reference flow: 0.250 m <sup>3</sup> /h air with 1 mbar. pressure drop Nominal diameter: <6 T <sup>a</sup> max.: 130°C T <sup>a</sup> min.: 0°C
NUMBER OF MECHANICAL CYCLES	40000 cycles
MOUNTING POSITION	multiposition
CONNECTIONS	Inlet: bracket Ø16. Outlet: Multiple
TORQUE OF FITTING OUTLET (max)	8 Nm (bicone) 15 Nm (flared pipe)
TORQUE OF FITTING INLET (max)	3 Nm
PUSHING FORCE (max)	30 N
TURNING TORQUE OF SPINDLE (max)	0.2Nm
PULL IN CURRENT	Different options: <ul style="list-style-type: none"> <li>• 200 ÷ 80 mA</li> <li>• 110 ÷ 20 mA</li> <li>• 90 ÷ 10 mA</li> </ul>
OPENING TIME	2 seg (thermocouple optimal position)
CLOSING TIME	< 60seg
PRESSURES RANGE	8 - 65 mbar
GASES OF USE	1st, 2nd y 3th families

INSTRUCTIONS	
MODEL	CAL 22102
GROUP	1
PURPOSE	Built in
CHARACTERISTICS	Number of ways: 1 Maximum pressure: 65 mB Reference flow: 0.250 m <sup>3</sup> /h, 0.200 m <sup>3</sup> /h, 0.150 m <sup>3</sup> /h and 0.08 m <sup>3</sup> /h air with 1 mbar. pressure drop Nominal diameter: <6 T <sup>a</sup> max.: 150°C T <sup>a</sup> min.: 0°C
NUMBER OF MECHANICAL CYCLES	40000 cycles
MOUNTING POSITION	multiposition
CONNECTIONS	Inlet: bracket Ø16. Outlet: Múltiples
TORQUE OF FITTING OUTLET (max)	8 Nm (bicone) 15 Nm (flared pipe)
TORQUE OF FITTING INLET (max)	3 Nm
PUSHING FORCE (max)	30 N
TURNING TORQUE OF SPINDLE (max)	0.2Nm
PULL IN CURRENT	Different options: <ul style="list-style-type: none"> <li>• 200 ÷ 80 mA</li> <li>• 110 ÷ 20 mA</li> <li>• 90 ÷ 10 mA</li> </ul>
OPENING TIME	2 seg (thermocouple optimal position)
CLOSING TIME	< 60seg
PRESSURES RANGE	8 - 65 mbar
GASES OF USE	1st, 2nd y 3th families

<b>INSTRUCTIONS</b>	
<b>MODEL</b>	CAL 22102 A
<b>GROUP</b>	1
<b>PURPOSE</b>	Built in
<b>CHARACTERISTICS</b>	Number of ways: 1 Maximum pressure: 65 mB Reference flow: 0.250 m <sup>3</sup> /h, 0.200 m <sup>3</sup> /h, 0.150 m <sup>3</sup> /h and 0.08 m <sup>3</sup> /h air with 1 mbar. pressure drop Nominal diameter: <6 T <sup>a</sup> max.: 130°C T <sup>a</sup> min.: 0°C
<b>NUMBER OF MECHANICAL CYCLES</b>	40000 cycles
<b>MOUNTING POSITION</b>	multiposition
<b>CONNECTIONS</b>	Inlet: bracket Ø16. Outlet: Múltiples
<b>TORQUE OF FITTING OUTLET (max)</b>	8 Nm (bicone) 15 Nm (flared pipe)
<b>TORQUE OF FITTING INLET (max)</b>	3 Nm
<b>PUSHING FORCE (max)</b>	30 N
<b>TURNING TORQUE OF SPINDLE (max)</b>	0.2Nm
<b>PULL IN CURRENT</b>	Different options: <ul style="list-style-type: none"> <li>• 200 ÷ 80 mA</li> <li>• 110 ÷ 20 mA</li> <li>• 90 ÷ 10 mA</li> </ul>
<b>OPENING TIME</b>	2 seg (thermocouple optimal position)
<b>CLOSING TIME</b>	< 60seg
<b>PRESSURES RANGE</b>	8 - 65 mbar
<b>GASES OF USE</b>	1st, 2nd y 3th families

INSTRUCTIONS	
MODEL	CAL 22110
GROUP	1
PURPOSE	Built in
CHARACTERISTICS	Number of ways: 2 Maximum pressure: 65 mB Reference flow: 0.250 m <sup>3</sup> /h air with 1 mbar. pressure drop Nominal diameter: <6 T <sup>a</sup> max.: 150°C T <sup>a</sup> min.: 0°C
NUMBER OF MECHANICAL CYCLES	40000 cycles
MOUNTING POSITION	multiposition
CONNECTIONS	Inlet: bracket Ø16. Outlet: Múltiples
TORQUE OF FITTING OUTLET (max)	8 Nm (bicone) 15 Nm (flared pipe)
TORQUE OF FITTING INLET (max)	3 Nm
PUSHING FORCE (max)	30 N
TURNING TORQUE OF SPINDLE (max)	0.2Nm
PULL IN CURRENT	Different options: <ul style="list-style-type: none"> <li>• 200 ÷ 80 mA</li> <li>• 110 ÷ 20 mA</li> <li>• 90 ÷ 10 mA</li> </ul>
OPENING TIME	2 seg (thermocouple optimal position)
CLOSING TIME	< 60seg
PRESSURES RANGE	8 - 65 mbar
GASES OF USE	1st, 2nd y 3th families

INSTRUCTIONS	
MODEL	CAL 22110 A
GROUP	1
PURPOSE	Built in
CHARACTERISTICS	Number of ways: 2 Maximum pressure: 65 mB Reference flow: 0.250 m <sup>3</sup> /h air with 1 mbar. pressure drop Nominal diameter: <6 T <sup>a</sup> max.: 130°C T <sup>a</sup> min.: 0°C
NUMBER OF MECHANICAL CYCLES	40000 cycles
MOUNTING POSITION	multiposition
CONNECTIONS	Inlet: bracket Ø16. Outlet: Múltiples
TORQUE OF FITTING OUTLET (max)	8 Nm (bicone) 15 Nm (flared pipe)
TORQUE OF FITTING INLET (max)	3 Nm
PUSHING FORCE (max)	30 N
TURNING TORQUE OF SPINDLE (max)	0.2Nm
PULL IN CURRENT	Different options: <ul style="list-style-type: none"> <li>• 200 ÷ 80 mA</li> <li>• 110 ÷ 20 mA</li> <li>• 90 ÷ 10 mA</li> </ul>
OPENING TIME	2 seg (thermocouple optimal position)
CLOSING TIME	< 60seg
PRESSURES RANGE	8 - 65 mbar
GASES OF USE	1st, 2nd y 3th families

INSTRUCTIONS	
MODEL	H31
GROUP	1
PURPOSE	Built in
CHARACTERISTICS	Number of ways: 2 Maximum pressure: 65 mB Reference flow: 0.2 m <sup>3</sup> /h, 0.18 m <sup>3</sup> /h and 0.15 m <sup>3</sup> /h air with 1 mbar. pressure drop Nominal diameter: <10 T <sup>a</sup> max.: 150°C T <sup>a</sup> min.: 0°C
NUMBER OF MECHANICAL CYCLES	40000 cycles
MOUNTING POSITION	multiposition
CONNECTIONS	Inlet: bracket Ø16. Outlet: Multiple
TORQUE OF FITTING OUTLET (max)	8 Nm (bicone) 15 Nm (flared pipe)
TORQUE OF FITTING INLET (max)	3 Nm
PUSHING FORCE (max)	30 N
TURNING TORQUE OF SPINDLE (max)	0.2Nm
PULL IN CURRENT	Different options: <ul style="list-style-type: none"> <li>• 200 ÷ 80 mA</li> <li>• 110 ÷ 20 mA</li> <li>• 90 ÷ 10 mA</li> </ul>
OPENING TIME	2 seg (thermocouple optimal position)
CLOSING TIME	< 60seg
PRESSURES RANGE	8 - 65 mbar
GASES OF USE	1st, 2nd y 3th families

2. Instruction manual for use and maintenance intended for the user.

- Component does not require any maintenance. Washing the thermostat with soapy water or other products may involve deterioration.
- Do not pour liquids in the component.
- The appliance can only be switched on in the user's presence.
- The component must not be manipulated or repaired in any way
- In case of malfunction, the manufacturer of the appliance and its specialized technical service carries out the replacement of the component.
- The transformation of the component to use another gas will be carried out by personnel authorized by the manufacturer of the appliance
- The installer must check the suitability of the component functions for the intended use
- Designed lifetime for safe operation: 10 years or the maximum declared number of operations, whichever is reached first. Note: The warranty is governed by other regulations and has no connection with the "Designed lifetime for safe operation"