



**Description**

Pressure switch for use with cold water in autoclave systems (e.g. fire protection systems). The switch automatically regulates the starting and stopping of the circulator, on the basis of the pressure values set. The electric contacts are of the normally closed type.

**Versions and product codes**

Product code	Connection	Regulation range	Set pressure (factory calibration)
K374Y003	1/4"	1÷5 bar	1,4÷2,8 bar
K374Y004	1/4"	3÷12 bar	5÷7 bar

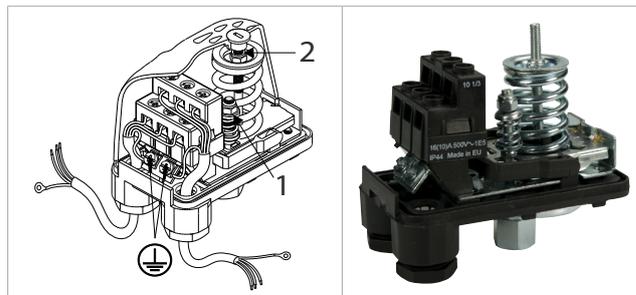
**Technical data**

- Fluid temperature range 4÷55 °C
- Ambient temperature range -10÷55 °C
- Protection degree IP44
- Nominal voltage 500 V
- 1/4" F connection
- Three NC electric contacts (in brass alloy with Ag - Ni weld beading)
- Nominal current 16 A (resistive load); 10 A (inductive load)
- Max. working pressure
  - K374Y003: 5 bar
  - K374Y004: 12 bar
- Set pressure (factory calibration)
  - K374Y003: 1,4 ÷ 2,8 bar
  - K374Y004: 5÷7 bar
- Regulation range
  - K374Y003: 1÷5 bar
  - K374Y004: 3÷12 bar
- Minimum differential
  - K374Y003: 0,6 bar
  - K374Y004: 1,5 bar
- Maximum differential
  - K374Y003: 1,5 bar
  - K374Y004: 5 bar

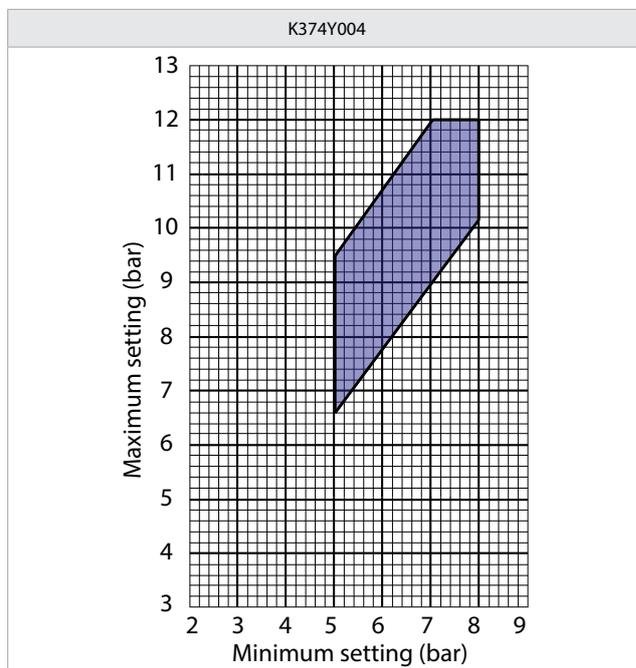
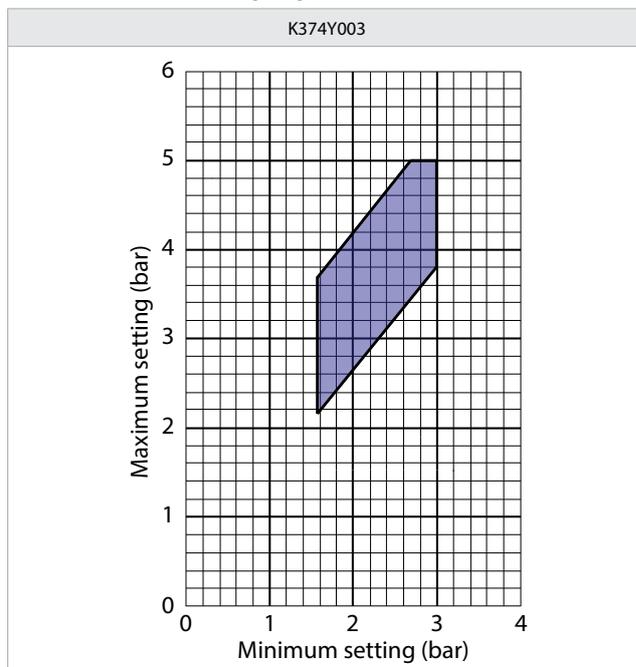
**Regulation range**

To make the regulation, observe the figure below and the minimum-maximum setting diagrams.

- Fully loosen the differential nut (1).
- Adjust the minimum gap nut (2) to establish the contact closure value (pump start); turn clockwise to increase the start pressure, or anticlockwise to reduce it.
- Tighten the differential nut (1) until you obtain the required stoppage pressure.

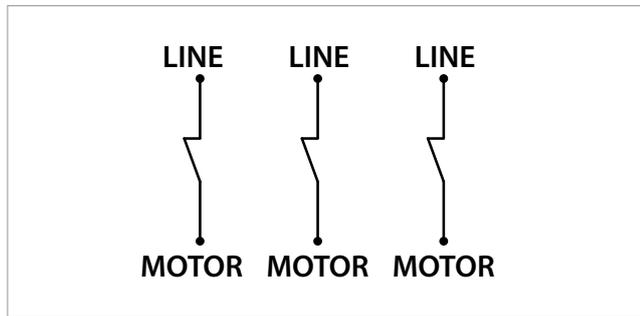


**Minimum-maximum setting diagrams**

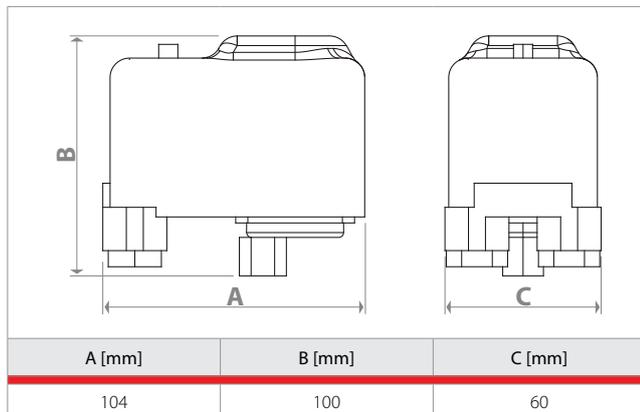




**Electrical connections**



**Dimensions**



**Certifications**

- Low Voltage Directive (LVD) 2014/35/EU
- ROHS 2011/65/EU
- EC mark

**Product specifications**

**K374Y003**

Pressure switch for use with cold water in autoclave systems. Factory calibration 1,4÷2,8 bar. Regulation range 1÷5 bar. 1/4" F connection. Three NC contacts (in brass alloy with Ag - Ni weld beading). Nominal current 16 A (resistive load); 10 A (inductive load). Nominal voltage 500 V. Protection degree IP44. Dimensions 104x100x60 mm (LxHxW). Operating temperature range -10÷55 °C. Fluid temperature range 4÷55 °C. Max. working pressure 5 bar. Compliance with Low Voltage Directive (LVD) 2014/35/EU; ROHS 2011/65/EU. EC mark.

**K374Y004**

Pressure switch for use with cold water in autoclave systems. Factory calibration 5÷7 bar. Regulation range 3÷12 bar. 1/4" F connection. Three NC contacts (in brass alloy with Ag - Ni weld beading). Nominal current 16 A (resistive load); 10 A (inductive load). Nominal voltage 500 V. Protection degree IP44. Dimensions 104x100x60 mm (LxHxW). Operating temperature range -10÷55 °C. Fluid temperature range 4÷55 °C. Max. working pressure 12 bar. Compliance with Low Voltage Directive (LVD) 2014/35/EU; ROHS 2011/65/EU. EC mark.

**Additional information**

For additional information please check the website [www.giacomini.com](http://www.giacomini.com) or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ [consulenza.prodotti@giacomini.com](mailto:consulenza.prodotti@giacomini.com)  
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