



Danfoss RT 112W Pressure Switch Installation Guide

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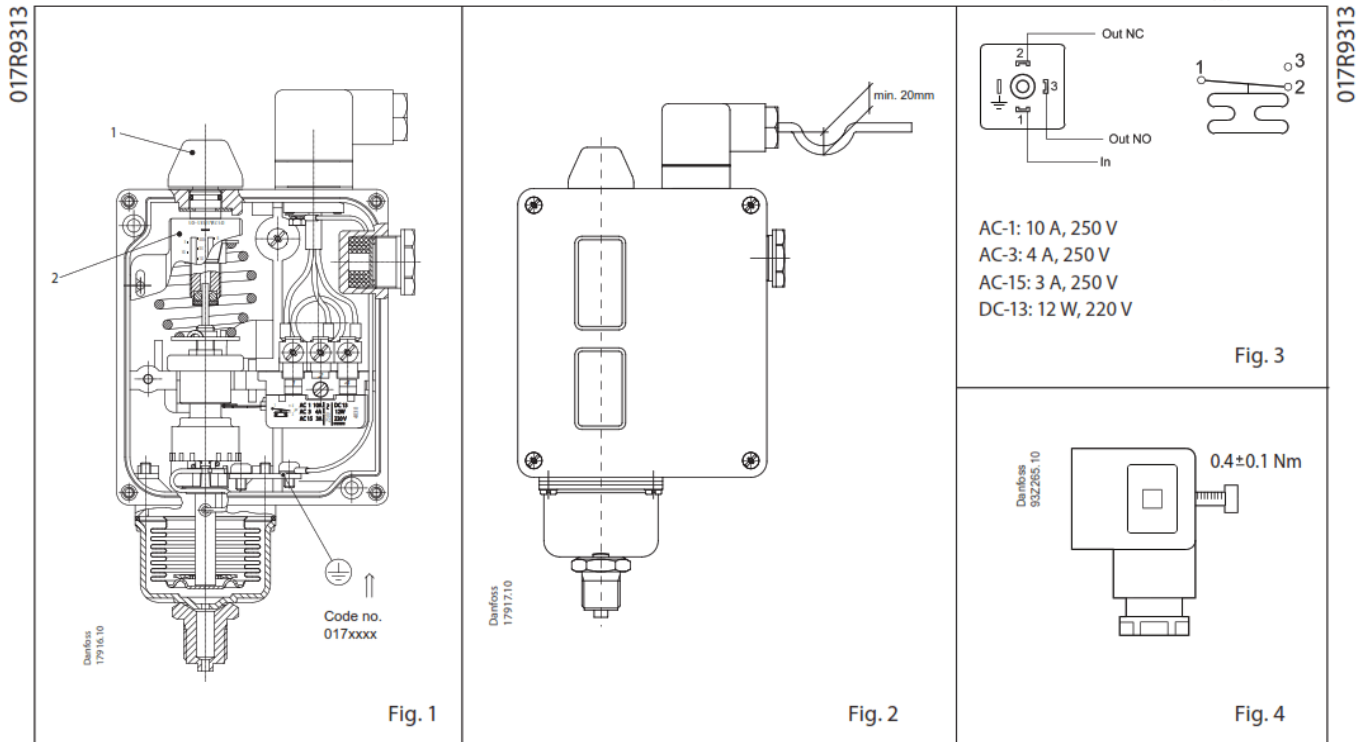
Installation guide
Pressure switch
Type RT 112W



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RT 112W Pressure Switch



Technical data

Fail safe pressure switch type RT 112W

The meaning of the type designation letter is as follow:

W: Pressure monitoring with automatic reset

Contact load :see fig.3

1. Input
2. Normally closed (NC)
3. Normally open (NO)



Connected to chassis of pressure switch

Max. ambient temperature: -40 °C – 70 °C

Max. temperature of medium: 150 °C

Max. test pressure: 7 bare

Min. test pressure: – 1 bar

Enclosure: IP65 acc. to EN 60529

Installation

Make the pressure connection so that any impurities in the line do not block the pressure . inlet of the control. For example, fit the pressure control to an upright connector (with the unit vertical). Damp strong pressure pulsations. A damping loop will often be sufficient. Insert a water-filled loop as a temperature barrier; a 10mm Cu tube, for example, if in a high temperature plant there is a risk of the pressure connection to the control becoming heated to more than 100 °C.

In water plant, position the pressure control so that it cannot be exposed to frost (let it operate on an air cushion, for example).

To ensure IP65 grade of RT enclosure it is necessary to assemble the plug shown in the fig.4

Setting

The pressure switch must be set to provide the function – make or break – on rising pressure. The setting can be made with the setting knob (1) while at the same time reading off the main scale (2)..e fig. 1.

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Documents / Resources

	<p>Danfoss RT 112W Pressure Switch [pdf] Installation Guide RT 112W Pressure Switch, RT 112W, Pressure Switch, Switch</p>
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Manuals+