

Ci MT Pressure switch kit

General

The Ci MT pressure switch kit is used when a signal for pressurized manifold is needed.

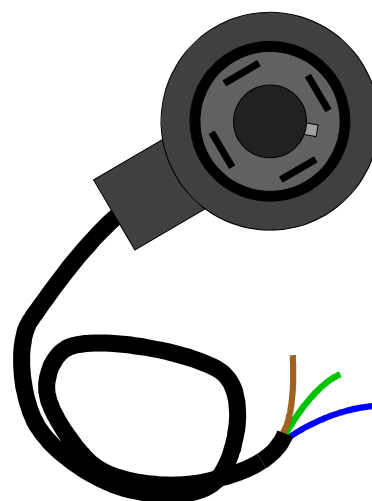
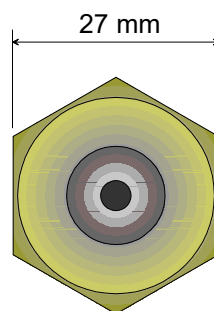
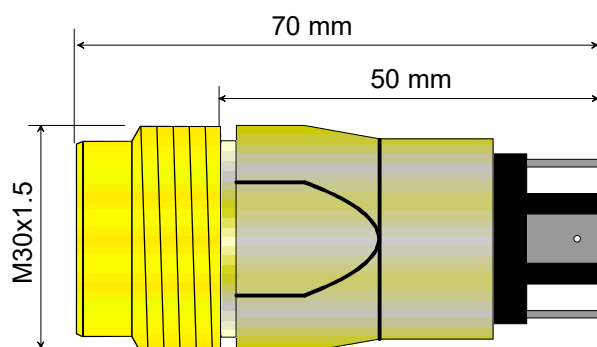
The switch can be used for Ci MT2- MT10 and on SV22 System.

Specifications

Operating pressure:	max. 600 bar
Set point:	15 bar (adjustable 10-50 bar)
Switch rating:	250 Vac, 4Amp
	24 VDC, 4Amp
Ingress protection:	IP65
Temperature:	-30 - + 100°C
Connection:	See drawings

Material

Adapter:	Brass CuZn39Pb3
Pressure switch:	Zinc plated steel



Components

Pos.	Name	Quantity	Item
1:	Pressure switch & adapter	1	
2:	Pressure switch cable 2m	1	404025

Document: 305623 Ci MT Pressure Switch kit

Product:

Inergen®

Id: MRP

Rev: 2024-10-15



FIRE EATER 1/2

Vølundsvej 17
DK- 3400 Hillerød
Tel +45 7022 2769
Fax +45 7023 2769

Text

1

2

3

4

5

6

7

8

9

Installation

The blind plug in the end of the Ci manifold or any one of the blind plugs on the SV22 Tees is removed using a 10mm in-hex wrench.

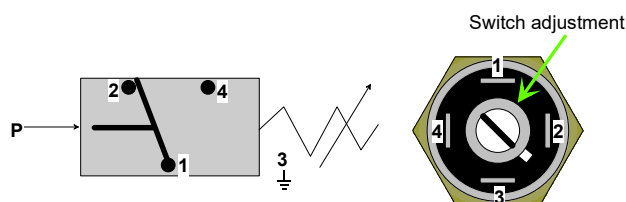
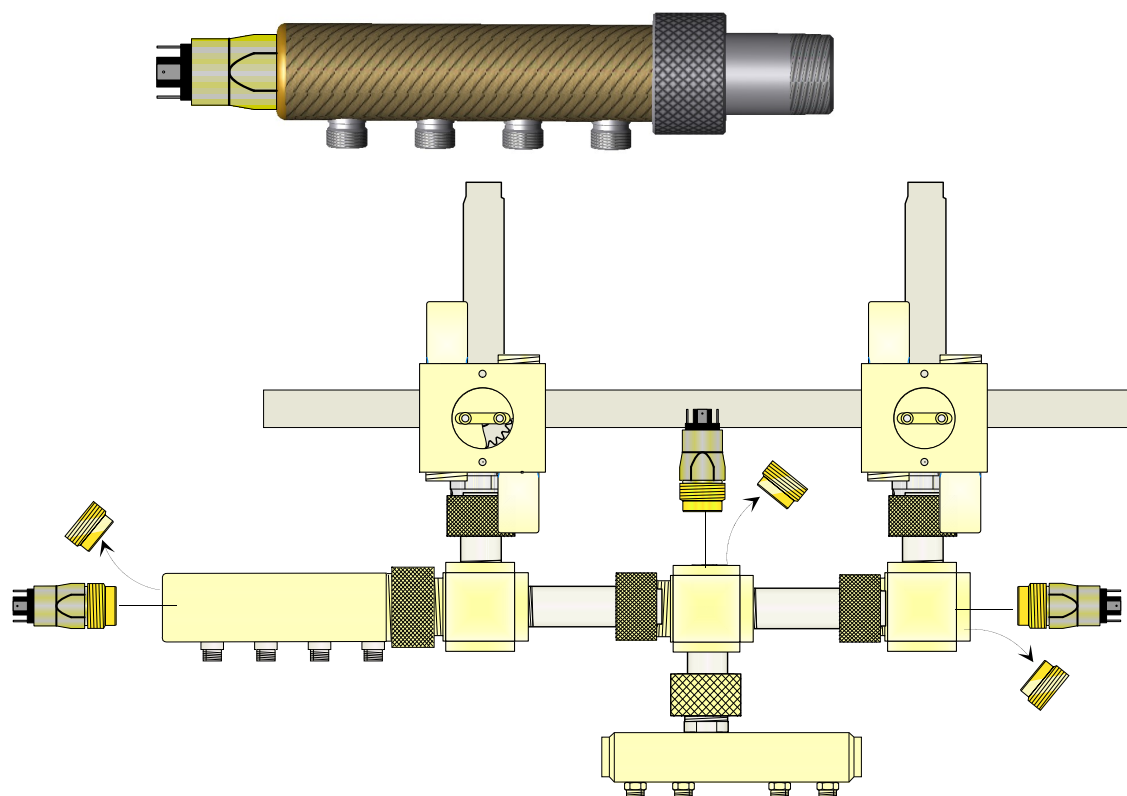
The o-ring located inside the manifold is inspected.

The pressure switch is screwed into the manifold/tee.

The cable is fitted to the pressure switch.

The electrical wires are connected to the control panel. The switch will close (blue and brown wire) when the manifold is activated. If the opposite function is required, the wires must be changed in the connector fitted to the pressure switch.

If a different switch point is required, this can be adjusted at the pressure switch (see drawing below).



Document: 305623 Ci MT Pressure Switch kit

Product:

Inergen®

Id: MRP

Rev: 2024-10-15



FIRE EATER 1/2

Vølundsvej 17
DK- 3400 Hillerød
Tel +45 7022 2769
Fax +45 7023 2769

Text

1

2

3

4

5

6

7

8

9

Test

The pressure switch can be tested by using the 305148 ABTP tool kit together with the Adapter 530540 Tool-Pressure_switch_setter.

BEFORE testing, always inform relevant personals that the system is under test and take the necessary precautions according to the system.

-Connect the pressure switch to the Adapter and the ABTP kit. See datsheet 530540.

-Connect the blue and brown wires to a multimeter (setup for resistance).

-Slowly increase the pressure to app 15 Bar and check that pressure switch turn ON at the multimeter.

-Normally the pressure switch is calibrated to 15 Bar.

If the pressure switch is calibrated to another pressure, increase the pressure until the level has been reached and check the multimeter.

It is also possible to check the function of the pressure switch at the control panel. See the function in the manual for the control panel.

Maintenance

It is recommended that the pressure switch I tested every year.

Document: 305623 Ci MT Pressure
Switch kit

Product:

Inergen®

Id: MRP

Rev: 2024-10-15



FIRE EATER 1/2

Vølundsvej 17
DK- 3400 Hillerød
Tel +45 7022 2769
Fax +45 7023 2769

Text

1

2

3

4

5

6

7

8

9