

Quick Start Guide ICAD 600A / ICAD 1200A

Quick Start Guide

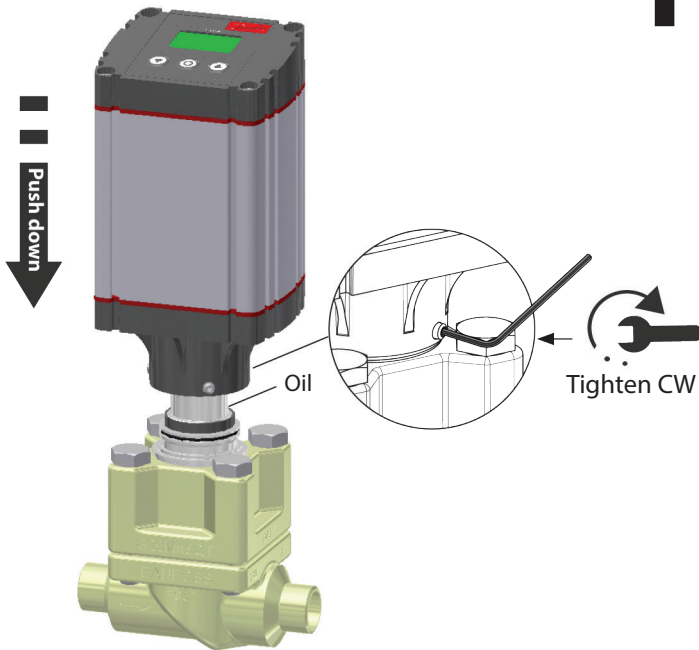
Before you
start using ICAD:



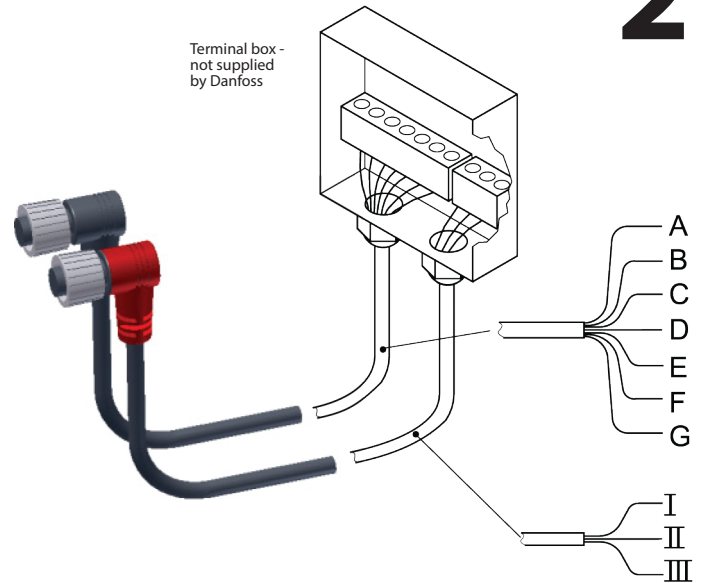
**24 Volt d.c.
ONLY**



1



2



Ref.	Colour		Description
A	Black	-	Common Alarm
B	Brown	-	ICM fully open
C	Red	-	ICM fully closed
D	Orange	-	GND ground
E	Yellow	+	0/4 - 20 mA Input
F	Green	+	0/2-10V input or digital input for on/off control
G	Blue	+	0/4 - 20 mA Output

Digital Output

I	Black	+	Fail safe supply Battery / UPS* 19 V d.c.
II	White	+	Supply voltage 24 V d.c.
III	Brown	-	

* Uninterruptable Power Supply



**24 Volt d.c.
ONLY**

Please observe cable voltage drop
Distance between the applied d.c. transformer and the ICAD terminal box may cause a voltage drop. Cross section of cables and size of d.c. transformer must be calculated so that the voltage at all time **at the ICAD terminal box***, both during standstill and during operation of ICAD, is within this range:

Prefabricated ICAD cable length Code number	1.5 m 027H0426	3 m 027H0438	10 m 027H0427	15 m 027H0435
Voltage ICAD terminal (600A/1200A) [V d.c.]	Min. 21	22	23	24
	Max.	26.4		

* Do not measure inside the ICAD itself.

3





Decrease
value



Edit /
Enter



Increase
value

Programming the ICAD

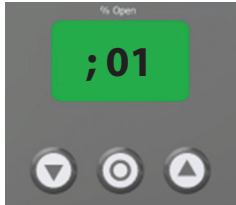
Note:

If the keypad is not operated within 20 seconds;
time out will automatically exit programming mode.

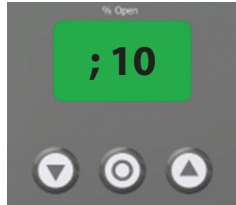
Valve size setup (mandatory)

When powering up the ICAD, A1 will flash in the display

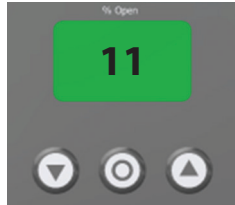
4



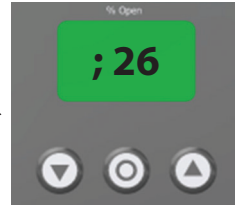
Hold down for
2 seconds to enter
programming mode.



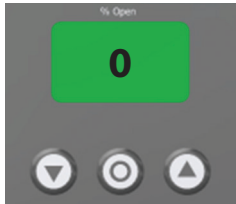
Press and
go to parameter 10.
Press



Press until
you reach 11 (pass-
word). Press



Press until
you reach parameter 26
Press

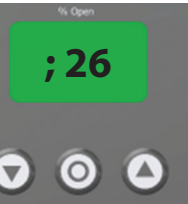


Press or
to select ICM size or CVE.
Press

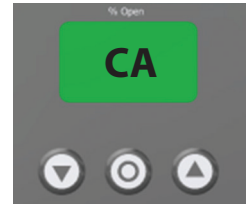
- 1: ICM 20 with ICAD 600A
- 2: ICM 25 with ICAD 600A
- 3: ICM 32 with ICAD 600A
- 4: ICM 40 with ICAD 1200A
- 5: ICM 50 with ICAD 1200A

Valve label ID:

ICM 20	ICM 25-65	ICM 100-150



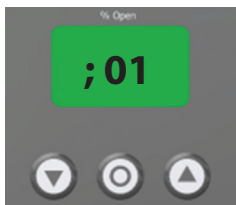
ICM/CVE & ICAD
is now calibrating.



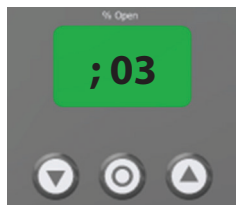
Hold down for
2 seconds to exit
programming mode.

Changing analogue input signal (optional)

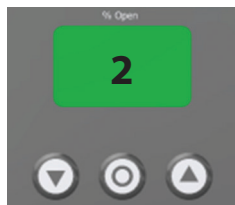
5



Hold down for
2 seconds to enter
programming mode.



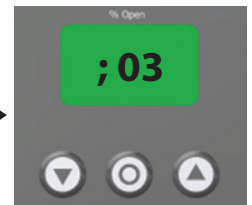
Press until you
reach parameter 03.
Press



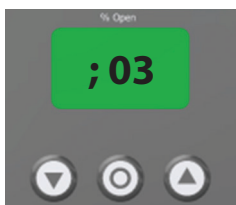
Press or
to select analogue
input signal.

- 1: 0-20 mA
- 2: 4-20 mA*
- 3: 0-10 V
- 4: 2-10 V

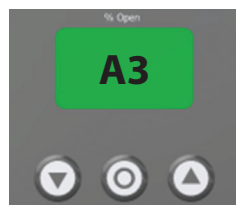
* default factory setting



Press



Hold down for
2 seconds to exit
programming mode.



If A3 alarm occurs
the analogue input
signal is out of range.

Factory reset of ICAD

Disconnect power ①

Press down and ②
simultaneously while
reconnecting power ①

Release and ②

Note:

If factory reset has been performed the
ICAD will start flashing A1 in the display.



24 Volt d.c. ONLY

For further functions,
programming possibilities
and factory settings;
please see ICAD instruction.