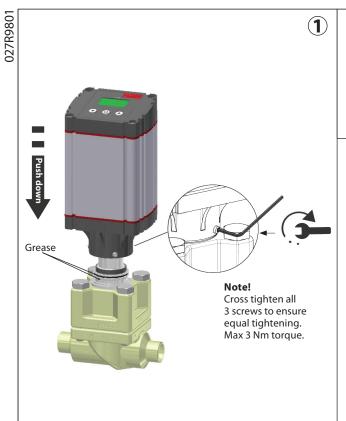
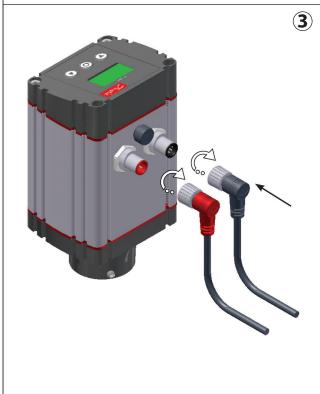
Installation Guide

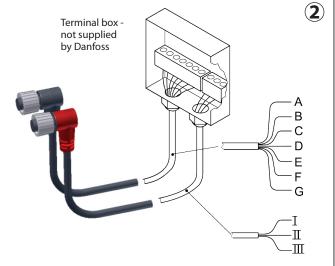
ICAD 600A/ICAD 1200A

Quick Start Guide









Ref.	Colour		Description
А	Black	-	Common Alarm
В	<u> </u>		ICM fully open
С			ICM fully closed
D	Orange	-	GND ground
Е	Yellow	+ 0/4 – 20 mA Input	
F	Green	+	0/2 – 10 V input or digital input for on/off control
G	Blue	+	0/4 – 20 mA Output

I	Black	+	Fail safe supply Battery / UPS* 19 V DC
Ш	White	+	Supply voltage
III	Brown	-	24 V DC

^{*} Uninterruptable Power Supply



Please observe cable voltage dropDistance between the applied DC transformer and the ICAD terminal box may cause a voltage drop. Cross section of cables and size of DC 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 of length Code number	1.5 m 027H0426	3 m 027H0438	10 m 027H0427	15 m 027H0435		
Voltage ICAD terminal	Min.	21	22	23	24	
(600A/1200A) [V DC]	Max.	26.4				

^{*} Do not measure inside the ICAD itself



Programming the ICAD If the keypad is not operated within 20 seconds; time out will automatically Decrease Edit / Increase **Valve size setup (mandatory)** exit programming mode. value Enter value When powering up the ICAD, A1 will flash in the display **(4**) ; 01 10 Hold down O for Press (A) and Press (A) until Press (A) until 2 seconds to enter go to parameter 10. you reach 11 (password). you reach parameter 26 programming mode Press (0) Press (0) Press (O) 1: ICM 20 with ICAD 600A 6: ICM 65 with ICAD 1200A 2: ICM 25 with ICAD 600A 7: ICM 100 with ICAD 1200A : 26 3: ICM 32 with ICAD 600A 8: ICM 125 with ICAD 1200A 4: ICM 40 with ICAD 1200A 9: ICM 150 with ICAD 1200A 5: ICM 50 with ICAD 1200A 10: CVE pilot with ICAD 1200A Valve label ID: Press or 🕒 ICM/CVE & ICAD Hold down Officer ICM 20 ICM 25-65 ICM 100-150 to select ICM size or CVE. is now calibrating 2 seconds to exit Dunfoss MADE IN DENMARA programming mode Press (0) PS 52 bar/MWP 754 psig @ -60 - 120°C/-76 - 248°F HCFC,HFC,R744,R717 027H1020 If media temperature is lower than -30 °C (-22 °F) it is mandatory to set parameter i30 an i31. See separate document attached in ICAD box: document number AN285243155312 **(5**) **Changing analogue input signal (optional)** 1:0 - 20 mA : 01 2: 4 - 20 mA* 3:0-10V0 0 0 0 4:2-10V* default factory setting Press or O Hold down O for Press (a) until you Press O 2 seconds to enter reach parameter 03. to select analogue programming mode input signal Press (0) Factory reset of ICAD Disconnect power **1** Hold down O for If A3 alarm occurs Press down and and 2 seconds to exit the analogue input simultaneously while programming mode signal is out of range reconnecting power **①** Release and and For further functions, programming possibilities If factory reset has been performed the and factory settings;

ICAD will start flashing A1 in the display.

please see ICAD instruction.

ONLY