

Installation Guide

Colour code connection diagram for ICAD actuators

UK
CA

027R9797

		1 st generation ICAD	2 nd generation ICAD
3 x 0,25 mm² (3 x 24 AWG)	+ 19-24 V d.c. fail safe supply	White (+)	Black (+)
	+ 24 V d.c.	Brown (+)	White (+)
	-24 C d.c. (GND)	Green (-)	Brown (-)
7 x 0,25 mm² (7 x 24 AWG)	Digital output (common alarm)	White (-)	Black (-)
	Digital output (ICM fully open)	Brown (-)	Brown (-)
	Digital output (ICM fully closed)	Green (-)	Red (-)
	GND – Ground	Yellow (-)	Orange (-)
	Analog input 0/4-20 mA	Grey (+)	Yellow (+)
	Analog input 0/2-10 V / Digital ON/OFF input	Pink (+)	Green (+)
	Analog output 0/4-20 mA	Blue (+)	Blue (+)

027R9797

Info for UK customers only; Danfoss Ltd. Oxford Road, UB9 4LH Denham, UK

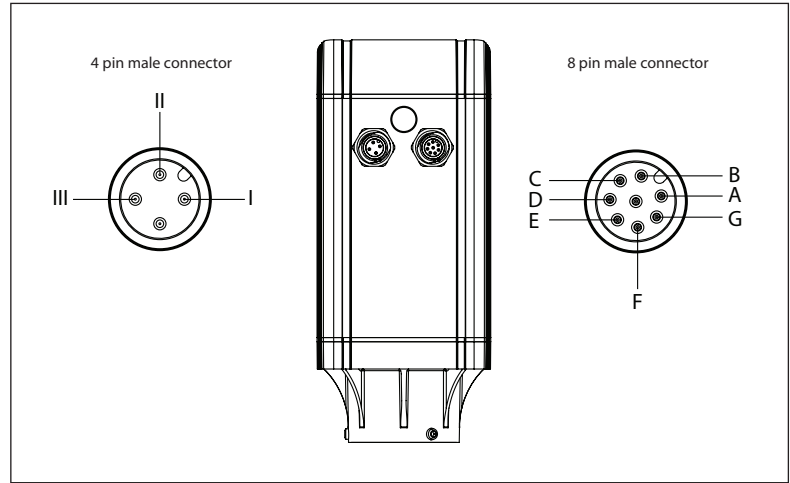
Ref.	Colour		Description
A	Black	-	Common Alarm
B	Brown	-	ICM fully open
C	Red	-	ICM fully closed
D	Orange	-	GND ground
E	Yellow	+	0/4 - 20 mA Input
F	Green	+	0/2 - 10 V Input
G	Blue	+	0/4 - 20 mA Output

Digital Output

Analogue In/Output

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

* Uninterruptable Power Supply



Danfoss can accept no responsibility for possible errors in catalogues, brochures and other printed material. Danfoss reserves the right to alter its products without notice. This also applies to products already on order provided that such alterations can be made without subsequent changes being necessary in specifications already agreed. All trademarks in this material are property of the respective companies. Danfoss and the Danfoss logotype are trademarks of Danfoss A/S. All rights reserved.