

## Installation Guide

# Colour code connection diagram for ICAD actuators

UK  
CA

027R9797

		1 <sup>st</sup> generation ICAD	2 <sup>nd</sup> generation ICAD
<b>3 x 0,25 mm<sup>2</sup> (3 x 24 AWG)</b>	+ 19-24 V d.c. fail safe supply	White (+)	Black (+)
	+ 24 V d.c.	Brown (+)	White (+)
	-24 C d.c. (GND)	Green (-)	Brown (-)
<b>7 x 0,25 mm<sup>2</sup> (7 x 24 AWG)</b>	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 (+)

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

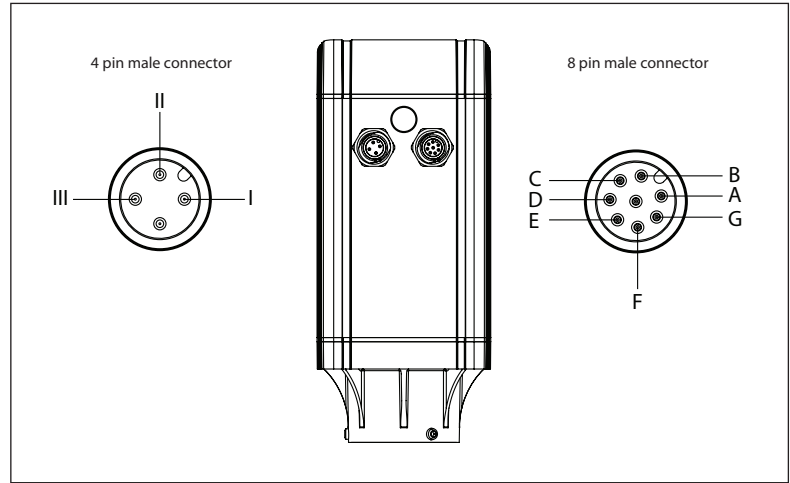
Ref.	Colour		Description
A	Black	-	Common Alarm
B	Brown	-	ICM fully open
C	Red	-	ICM fully closed
D	Orange	-	GND ground
E	Yellow	+	0/4 - 20 mA Input
F	Green	+	0/2 - 10 V Input
G	Blue	+	0/4 - 20 mA Output

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



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