

CAFE ACTUATOR ORDERING INFORMATION

OVERVIEW:

Each model number has three positions to define the actuator, followed by at least four positions that define the valve. The number of characters used per position varies.

The example below represents a CAFE NITRO 90° actuator with

OLED screen and keypad, that accepts 24-240 volts AC or DC, and is equipped with 4-20 mA control. It is mounted to a 1/2" PVC ball valve with Viton seals, NPT connections, and an optional linear flow cut ball: CAFEN1-3-050VT-PV-CLF.

CAFEN 1 – 3 – 050 V T – PV – CLF

Actuator Model	Actuator Type Size/Voltage	Control Options	Valve Pipe Size	Seal Material	Connection Type	Body Material	Ball Options
	1 – 2-way, 3/8"-2", 24-240 AC/DC 5 – 3-Way, 3/8"-2", 24-240 AC/DC	1 – ON/OFF 2 – ON/OFF w/ Failsafe 3 – 4-20mA 4 – 4-20mA w/ Failsafe 5 – 0-10VDC 6 – 0-10VDC w/ Failsafe 7 – Modbus 8 – Modbus w/ Failsafe	037 – 3/8" 050 – 1/2" 075 – 3/4" 100 – 1" 125 – 1-1/4" 150 – 1-1/2" 200 – 2" 20 – 20mm 25 – 25mm 32 – 32mm 40 – 40mm 50 – 50mm 63 – 63mm	V – Viton EP – EPDM	S – IPS Socket T – NPT Threads BSP – BSPT Threads FL – ANSI 150 Flanges SP1 – Asahi Metric Spigot (PP & PF Only) SP2 – GF+ Metric Spigot (PP & PF Only) SP3 – SCH. 80 Spigot (Not available w/RPF) SC – Sanitary Tri-Clamp (PP & PF Only)	PV – PVC CP – CPVC PP – Natural Polypro PF – PVDF RPF – Red PVDF	A – 3-Hole Ball (3-Way Only) C1 – 15° V-Cut Ball* C3 – 30° V-Cut Ball* C4 – 45° V-Cut Ball* C6 – 60° V-Cut Ball* C9 – 90° V-Cut Ball* CLF – Linear Flow Ball Vent – Vented Ball Leave blank and eliminate the preceding dash if no ball options are needed. *C1-C9 are special order; consult factory.
CAFEN – 2-Way (90°), Standard Speed (5s), No OLED Display							
CAFEN – 2-Way (90°), Standard Speed (5s), Includes OLED Display							
CAFEN – 2-Way (90°), High Speed (1s), Includes OLED Display							
TCAFEN – 3-Way (180°), Standard Speed (10s), No OLED Display							
TCAFEN – 3-Way (180°), Standard Speed (10s), Includes OLED Display							
TCAFEN – 3-Way (180°), High Speed (2s), Includes OLED Display							

NOTES:

2-Way base model CAFE is only available as CAFEN1-1
 3-Way base model TCAFEN is only available as TCAFEN5-1
 NITRO 5 second actuators can be adjusted via OLED screen between 5-10 seconds
 FAST 1 second actuators can be adjusted via OLED screen between 1-5 seconds

ADDITIONAL OPTIONS/CONSULT FACTORY:

- Other electrical connections available
- Standard actuators use relay for feedback. CAFEN/F or TCAFEN/F can be programmed to utilize Modbus to provide real time monitoring of system parameters
- Real-time status reporting when actuator is set to manual mode
- CHRONOS Option: Real-Time Clock / Event planner available for all CAFEN & CAFEN/F models. Add "C" after model prefix, CAFENC or CAFENFC. Consult factory for pricing and specifications.

