



Low Energy Standby, install in any position **ME7840 / ME7940 FAIL SAFE ACTUATOR**

**NEW
PRODUCT
2024**

DESCRIPTION

The ME7000 series actuator is a proportional electric motor designed for opening and closing valves for heating and cooling systems. The predominant area of application is the energy-efficient control of water-based media or low-pressure steam.

The ME7000 series actuator is controlled via a 2-10 V DC (default) control signal output from a central BMS system or a room thermostat. The actuator is equipped with an LCD for displaying the current valve stroke, control voltage and operating modes (open/close). The actuator can be powered 24VAC or 24VDC. The actuator is supplied with a pluggable connecting cable. The feedback signal provides the BMS system with information about the current valve position or power loss.

Actuator can be installed in any position.



ME7840 shown on Spartan V243 valve.

PART NUMBERS

Standard Models	Stem Up VDC	Stem Down VDC	Fail Safe
ME7840	2	10	UP
ME7840A	10	2	UP
ME7840B	0	10	UP
ME7840C	10	0	UP
ME7940	2	10	DOWN
ME7940A	10	2	DOWN
ME7940B	0	10	DOWN
ME7940C	10	0	DOWN

Custom configuration available for project based solutions.

GENERAL SPECIFICATIONS

STROKE	STANDARD	4mm
	* ADJUSTABLE	2.0 - 8.5 mm
FORCE	STANDARD	200N
	*ADJUSTABLE	100-125-150-200N
SPEED	STANDARD	15s / mm
	*ADJUSTABLE	15S/30s PER mm
FAIL POSITION	*ADJUSTABLE	0%-100% INCREMENT OF 10%
LCD	STANDARD	BLUE
	*ADJUSTABLE	OFF

VOLTAGE	24VAC	-10% / +20% 50-60Hz
	24VDC	-20% / +20%
FEEDBACK		1VDC = UP / 5VDC = DOWN
CONSUMPTION		2.6VA (< 110 mA)
STANDBY CONSUMPTION		0.24VA (<10mA)
Ambient temperature °		32F (0C) to 120F (50C)
MOUNTING		M30 X 1.5mm
PROTECTION		IP54, NEMA 3
CASING		POLYAMIDE
COVER		POLYCARBONATE
WIRE		30 Inches - 1m
Surge Strength	As per EN 60730-1	1Kv

*Through NFC connection

DIMENSIONS

