

EM9, M9B

The EM9/M9B are electronic actuators for motorising VTRE rotary shoe valves. EM9 operates on 24 V and is controlled by selectable 0...10 Vdc, 2...10 Vdc, 0...20 mA or 4...20 mA control signal. The running time can be programmed. EM9/M9B can be operated manually and has a valve position indicator on the front of the unit.



Specifications

Power consumption	3 VA	Protection class	IP 54
Duty cycle	10%	Material	
Torque	15 Nm	Enclosure material	Reinforced plastic PA66
Environment		Color	Black/Red
Operating Temperature	-15...+55 °C		

M9B, EM9 actuators for valves VTRE		Control signal	Working range	Running time	Power
Part Number	Description				Vac ±10%
860 1010 000	M9B/24	3-point	30-180°	90° 4 min	24
860 1020 000	M9B/230				230
860 1100 000	EM9/90	modulating <sup>1</sup>	90°	60/90/120s	24
860 1110 000	EM9/180		180°		

1 - Selectable 0...10 V, 2...10 V, 0...20 mA, 4...20 mA

M9B, EM9 linkage kits for other valves

Part Number	Description
860 0990 000	Linkage E/M9-VTRA
860 0991 000	Linkage E/M9-TRV <sup>2</sup>

2 - NOTE: Not suitable for TRV-S