EXD-U00 Universal Driver Module

EX Valves & Controls

The EXD-U00 is a universal driver that enables the operation of Emerson stepper motor driven valves used in applications such as solenoid valves, electronic expansion valves, hot gas bypass or evaporator pressure regulator as capacity control, crankcase pressure regulator, heat reclaim regulator, and liquid level control.
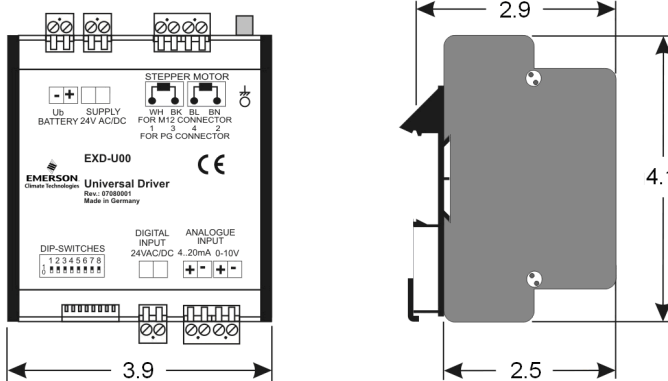
Features
- Valve opening is proportional to 4-20mA or 0-10V analog input signal
- Plug and play, no parameter settings required
- Digital input can be used to force valve closing
- Dip-switches for selection of EX control valve type, analog input and start mode

Ordering Information

Description	Type	Reference #	PCN
Universal Driver Module	EXD-U00	804557	097710
Electrical Terminal Kit	K09-U00	804559	097711

Specifications
- Supply voltage: 24V AC ±10%, 50-60HZ, 24V DC ±10%
- Supply current: To be protected by a 0.8A external fuse
- Power consumption: 10VA in conjunction with EX valve
- Temperature: Storage: -5°F to +150°F
  Operating: 32°F to +140°F
- Humidity: < 90% R.H. non condensing
- Approvals: EMC EN 61326-1, EN50081, EN50082
- Marking: CE
- Input analogue signal: 4-20 mA
  Burden 364 Ω
  0-10V
  Impedence 27KΩ
- Digital input: 24V AC ±10%, 50-60Hz, 24V DC ±10%
- Connection to EX4-8: Via 4 wires cable, maximum 6m length AWG 20/22
- Connector: Screw terminals for wire size 12/20 AWG
- Mounting: DIN rail mounted
- Housing: Aluminum

Dimensional Data (in)