

Chapter 4

EZ-1

Electronic timer controlled condensate drain

The EZ-1 controlled condensate drain is a combination of a solenoid valve and an electronic timer designed to automatically remove condensate from compressed air systems.



PRODUCT FEATURES

The EZ-1 is designed to remove condensate from compressors, compressed air dryers and receivers up to maximum 16 bar.

The EZ-1 offers true installation simplicity at the lowest possible cost. The EZ-1 is a mass produced product available in various valve connection sizes and timer color options.

COMMERCIAL BENEFITS

- Competitive pricing levels available
- Any type of compressed air systems and up to 16 bar
- Serviceable valve construction, offering you routine maintenance revenues
- Consult JORC for private labelling options

TECHNICAL ADVANTAGES

- Large (4.0 mm) valve orifice
- Various connection sizes available, offering you installation flexibility without the need of adapters
- Does not air-lock during operation
- Quick to service
- Test feature (micro-switch)
- Accurate time cycles
- Premium PCB components selected



PRODUCT DIMENSIONS



Bright LED illumination,
indicating operating status

PRODUCT SPECIFICATIONS

Max. compressor capacity
Min./max. system pressure

Any size
0 - 16 bar (higher pressure available, see page 17)

Min./max. medium temperature
Min./max. ambient temperature

1 - 55 °C
1 - 55 °C

Supply voltage options
Environmental protection
Connector type (power)

24 - 230 VAC/DC 50/60 Hz
IP65 (NEMA4)
DIN 43650-A

Inlet/outlet connections
Inlet connection height

1/4", 3/8", 1/2" BSP or NPT
Approx. 1 cm

Valve type
Valve orifice
Valve seals
Serviceable valve
Valve housing material

2/2 way, direct acting
4.0 mm
FPM
yes
Brass (stainless steel available, see FLUIDRAIN)

Test feature

yes

Timer cycle range (ON/OFF)
Timer PCB
Timer cycle indication

0.5 - 10 seconds / 0.5 - 45 minutes
SMD technology, ensuring consistency in production
Bright LED illumination



Various valve
connection options



Service kits
available



Accessories include
ball valve strainers

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