

Desiccant air dryer PDAD-100-G1/2

Part number: 552175

FESTO



General operating condition

Data sheet

| Feature | Value |
|--|--|
| Mounting position | Vertical Horizontal |
| Structural design | Cold-regenerating adsorption dryer |
| Symbol | 00992135 |
| Inlet pressure 1 | 4 bar ... 16 bar |
| Power consumption at 24 VDC | 9.6 W |
| Power consumption with 230 VAC | 16 VA |
| Contamination level | 2 |
| KC characters | KC-EMV |
| CE marking (see declaration of conformity) | as per EU pressure equipment directive As per EU EMC directive As per EU low voltage directive |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment |
| Operating medium | Compressed air as per ISO 8573-1:2010 [6:::4] |
| Information on operating and pilot media | No water in liquid form |
| Pressure dew point | -40 °C |
| Pressure dew point for reduced rate of flow | -70 °C |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -20 °C ... 60 °C |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [2:1:2] at -70°C Compressed air as per ISO 8573-1:2010 [2:2:2] at -40°C |
| Temperature of medium | 2 °C ... 50 °C |
| Degree of protection | IP65 |
| Protection class | II |
| Overvoltage category | II |
| Ambient temperature | 5 °C ... 50 °C |
| Product weight | 47000 g |
| Electrical connection 1, function | Power supply AC |
| Electrical connection 1, connection type | Socket |
| Electrical connection 1, connection technology | Connection pattern type C as per industry standard, 9.4 mm |
| Electrical connection 1, number of pins/wires | 3 |
| Electrical connection 1, occupied pins/wires | 2 |
| Electrical connection 2, function | Power supply DC |
| Electrical connection 2, connection type | Socket |
| Electrical connection 2, connection technology | Connection diagram form C as per industrial standard, 9.4 mm |
| Electrical connection 2, number of pins/wires | 4 |

| Feature | Value |
|--|------------------------|
| Electrical connection 2, occupied pins/wires | 2 |
| Type of mounting | With accessories |
| Pneumatic connection 1 | G1/2 |
| Pneumatic connection 2 | G1/2 |
| Note on materials | RoHS compliant |
| Housing material | Wrought aluminum alloy |