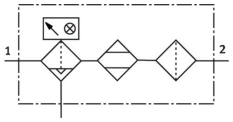
Adsorption dryer
PDAD-51-G3/8

Part number: 552173



General operating condition

Data sheet

Feature	Value
Mounting position	Vertical Horizontal
Design	Cold regenerating adsorption dryer
Symbol	00992135
Inlet pressure 1	4 bar ... 16 bar
Power consumption at 24VDC	9.6 W
Power consumption at 230 VAC	16 VA
Pollution degree	2
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive To EU Low Voltage Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK regulations for electrical equipment
Operating medium	Compressed air to ISO 8573-1:2010 [6:-:4]
Note on operating and pilot medium	Lubricated operation not possible No water in liquid form
Pressure dew point	-40 °C
Pressure dewpoint with reduced cross-section	-70 °C
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C ... 60 °C
Air purity class at output	Compressed air to ISO 8573-1:2010 [2:1:2] at -70°C Compressed air to ISO 8573-1:2010 [2:2:2] at -40°C
Media temperature	2 °C ... 50 °C
Degree of protection	IP65
Protection class	II
Overvoltage category	II
Ambient temperature	5 °C ... 50 °C
Product weight	24000 g
Electrical connection 1, function	Power supply AC
Electrical connection 1, connection type	Socket
Electrical connection 1, connector system	Plug pattern type C to industry standard, 9.4 mm
Electrical connection 1, number of connections/cores	3
Electrical connection 1, used connections/cores	2
Electrical connection 2, function	Power supply DC
Electrical connection 2, connection type	Socket
Electrical connection 2, connector system	Plug pattern type C to industry standard, 9.4 mm

Feature	Value
Electrical connection 2, number of connections/cores	4
Electrical connection 2, used connections/cores	2
Type of mounting	With accessories
Pneumatic connection, port 1	G3/8
Pneumatic connection, port 2	G3/8
Note on materials	RoHS-compliant
Material housing	Wrought aluminium alloy