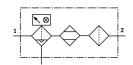
Desiccant air dryer PDAD-73-G1/2 Part number: 552174







General operating condition

Horizontal Structural design Cold-regenerating adsorption dryer Symbol O0992135 Inlet pressure 1 4 bar 16 bar Power consumption at 24 VDC Power consumption with 230 VAC 16 VA Contamination level CE marking (see declaration of conformity) As per EU pressure equipment directive As per EU pressure equipment directive As per EU pressure equipment directive As per EU box oltractive As per EU box oltractive UKCA marking (see declaration of conformity) CE marking (see declaration of conformity) Directive As per EU box oltractive As per EU box	Feature	Value
Symbol 00992135 10 10 10 10 10 10 10	Mounting position	
Inlet pressure 1 4 bar 16 bar Power consumption at 24 VDC 9.6 W Power consumption with 230 VAC 16 VA Contamination level KC EMC CE marking (see declaration of conformity) BUKCA marking (see declaration of conformity) WIKCA marking (see declaration of conformity) Doperating medium Compressed air as per ISO 8573-1:2010 [6:-4] WIR instructions for EMC Compressed air as per ISO 8573-1:2010 [6:-4] WIR instructions for electrical equipment Doperation with oil lubrication not possible 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 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 Temperature of medium 2 °C 50 °C WIR CAMPARIA (SAMPARIA (SAMPAR	Structural design	Cold-regenerating adsorption dryer
Power consumption at 24 VDC Power consumption with 230 VAC 16 VA Contamination level 2 KC EMC CE marking (see declaration of conformity) as per EU pressure equipment directive As per EU EMC directive As per EU EMC directive As per EU Involvating for pressure equipment To UK instructions for electrical equipment Operating medium Compressed air as per ISO 8573-1:2010 [6::4] Information on operating and pilot media Operation with oil lubrication not possible no water in liquid form Pressure dew point Pressure dew point Pressure dew point for reduced rate of flow Prow Corrosion resistance class (CRC) Prow Corr	Symbol	00992135
Power consumption with 230 VAC Contamination level Contamination level Comparison of conformity) Comparison of conformity Comparison of con	Inlet pressure 1	4 bar 16 bar
Contamination level KC Characters KC EMC CE marking (see declaration of conformity) As per EU pressure equipment directive As per EU low voltage directive County of the first of the fi	Power consumption at 24 VDC	9.6 W
KC characters KC Emrking (see declaration of conformity) as per EU pressure equipment directive As per EU but ovoltage directive As per EU but ovoltage directive As per EU but ovoltage directive UKCA marking (see declaration of conformity) according to UK regulations for pressure equipment To UK instructions for electrical equipment Operating medium Compressed air as per ISO 8573-1:2010 [6:-4] Information on operating and pilot media Operation with oil lubrication not possible no water in liquid form Pressure dew point -40 °C Corrosion resistance class (CRC) 2 · Moderate corrosion stress 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 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 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection technology Plug pattern type C as per industry standard, 9.4 mm Electrical connection 1, connection technology Plug pattern type C as per industry standard, 9.4 mm Electrical connection 1, councetion fins/wires 3 Electrical connection 1, councion Power supply DC	Power consumption with 230 VAC	16 VA
As per EU pressure equipment directive As per EU EMC directive UKCA marking (see declaration of conformity) according to UK regulations for pressure equipment To UK instructions for EMC To UK instructions for electrical equipment Operating medium Compressed air as per ISO 8573-1:2010 [6:-:4] Information on operating and pilot media Operation with oil lubrication not possible 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 Temperature of medium 2 °C 50 °C II Ambient temperature 5 °C 50 °C Product weight 31000 g Electrical connection 1, function Electrical connection 1, connection type Electrical connection 1, connection type Electrical connection 1, number of pins/wires 3 Electrical connection 1, number of pins/wires 2 Electrical connection 1, occupied pins/wires 2 Electrical connection 1, coucpied pins/wires 2 Electrical connection 1, coucpied pins/wires 2 Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC	Contamination level	2
As per EU EMC directive As per EU low voltage directive UKCA marking (see declaration of conformity) according to UK regulations for pressure equipment To UK instructions for EMC To UK instructions for electrical equipment Operating medium Compressed air as per ISO 8573-1:2010 [6:-4] Information on operating and pilot media Operation with oil lubrication not possible 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 Temperature of medium 2 °C 50 °C II Ambient temperature 5 °C 50 °C Product weight 31000 g Electrical connection 1, function Electrical connection 1, connection type Electrical connection 1, connection type Electrical connection 1, connection type Electrical connection 1, number of pins/wires 3 Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC	KC characters	KC EMC
To UK instructions for EMC To UK instructions for electrical equipment Compressed air as per ISO 8573-1:2010 [6::4] Information on operating and pilot media Operation with oil lubrication not possible no water in liquid form Pressure dew point Pressure dew point for reduced rate of flow -70 °C Corrosion resistance class (CRC) 2 · Moderate corrosion stress UDMA24364-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 Electrical connection 1, function Power supply AC Electrical connection 1, connection type Electrical connection 1, number of pins/wires Electrical connection 1, number of pins/wires 2 Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC	CE marking (see declaration of conformity)	As per EU EMC directive As per EU low voltage directive
Information on operating and pilot media Operation with oil lubrication not possible no water in liquid form -40 °C Pressure dew point 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 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 Temperature of medium -2 °C 50 °C Ill Ambient temperature -5 °C 50 °C Product weight -31000 g Electrical connection 1, function -9 Power supply AC Electrical connection 1, connection type	onca marking (see declaration of comornity)	To UK instructions for EMC
no water in liquid form 40 °C Pressure dew point for reduced rate of flow -70 °C Corrosion resistance class (CRC) 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 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection type Electrical connection 1, number of pins/wires 3 Electrical connection 1, number of pins/wires 2 Electrical connection 1, cocupied pins/wires 2 Electrical connection 2, function Power supply DC	Operating medium	Compressed air as per ISO 8573-1:2010 [6:-:4]
Pressure dew point for reduced rate of flow Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C 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 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection technology Plug 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	Information on operating and pilot media	ļ ,
Corrosion resistance class (CRC) LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -20 °C 60 °C 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 Electrical connection 1, function Electrical connection 1, connection type Socket Electrical connection 1, connection technology Plug pattern type C as per industry standard, 9.4 mm Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC Electrical connection 2, function Power supply DC	Pressure dew point	-40 °C
LABS (PWIS) conformity VDMA24364-B1/B2-L -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 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, occupied pins/wires 3 Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC	Pressure dew point for reduced rate of flow	-70 ℃
Storage temperature -20 °C 60 °C 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 IP65 Protection class II Overvoltage category II Ambient temperature 5 °C 50 °C Product weight 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Blectrical connection 1, number of pins/wires 2 Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC Electrical connection 2, function Power supply DC	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
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 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection type Electrical connection 1, connection technology Plug pattern type C as per industry standard, 9.4 mm Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC	LABS (PWIS) conformity	VDMA24364-B1/B2-L
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 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection type Electrical connection 1, connection technology Plug pattern type C as per industry standard, 9.4 mm Electrical connection 1, number of pins/wires 3 Electrical connection 2, function Power supply DC	Storage temperature	-20 °C 60 °C
Degree of protection IP65 Protection class II Overvoltage category II Ambient temperature 5 °C 50 °C Product weight 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection type Socket Electrical connection 1, connection technology Plug pattern type C as per industry standard, 9.4 mm Electrical connection 1, occupied pins/wires 3 Electrical connection 2, function Power supply DC	Air quality class at the output	· · · · · · · · · · · · · · · · · · ·
Protection class Overvoltage category II Ambient temperature 5 °C 50 °C Product weight 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection type Electrical connection 1, connection technology Plug pattern type C as per industry standard, 9.4 mm Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC	Temperature of medium	2 ℃ 50 ℃
Overvoltage category Ambient temperature 5 °C 50 °C Product weight 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection type Electrical connection 1, connection technology Plug 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	Degree of protection	IP65
Ambient temperature 5 °C 50 °C Product weight 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection type Socket Electrical connection 1, connection technology Plug 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	Protection class	П
Product weight 31000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection type Socket Electrical connection 1, connection technology Plug 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	Overvoltage category	II
Electrical connection 1, function Power supply AC Electrical connection 1, connection type Socket Electrical connection 1, connection technology Plug pattern type C as per industry standard, 9.4 mm Electrical connection 1, number of pins/wires Electrical connection 1, occupied pins/wires Electrical connection 2, function Power supply DC	Ambient temperature	5 °C 50 °C
Electrical connection 1, connection type Electrical connection 1, connection technology Plug pattern type C as per industry standard, 9.4 mm Electrical connection 1, number of pins/wires Electrical connection 1, occupied pins/wires Electrical connection 2, function Power supply DC	Product weight	31000 g
Electrical connection 1, connection technology Plug pattern type C as per industry standard, 9.4 mm Electrical connection 1, number of pins/wires Electrical connection 1, occupied pins/wires Electrical connection 2, function Power supply DC	Electrical connection 1, function	Power supply AC
Electrical connection 1, number of pins/wires 3 Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC	Electrical connection 1, connection type	Socket
Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC	Electrical connection 1, connection technology	Plug pattern type C as per industry standard, 9.4 mm
Electrical connection 2, function Power supply DC	Electrical connection 1, number of pins/wires	3
	Electrical connection 1, occupied pins/wires	2
Electrical connection 2, connection type Socket	Electrical connection 2, function	Power supply DC
	Electrical connection 2, connection type	Socket

Feature	Value
Electrical connection 2, connection technology	Connection diagram form C as per industrial standard, 9.4 mm
Electrical connection 2, number of pins/wires	4
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