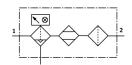
Desiccant air dryer PDAD-09-G3/8 Part number: 552170







General operating condition

Horizontal Structural design Cold-regenerating adsorption dryer	Feature	Value
Structural design Cold-regenerating adsorption dryer Symbol Opp92135 Opp92135 Opperations at 24 VDC Ower consumption at 24 VDC Ower consumption with 230 VAC In VA Contamination level CC Characters CC Emarking (see declaration of conformity) To UK instructions for EMC To U	Mounting position	
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 CC characters KC EMC E marking (see declaration of conformity) As per EU lew coltage directive JKCA marking (see declaration of conformity) To UK instructions for EMC To UK instructions for EMC To UK instructions for electrical equipment Compressed air as per ISO 8573-1:2010 [6:-4] Operating medium Compressed air as per ISO 8573-1:2010 [6:-4] Pressure dew point 40° C Pressure dew point 70° C Corrosion resistance class (CRC) 2 - Moderate corrosion stress AS (PWIS) conformity VOMA24364-81/82-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 Pressure dew point 1 compressed air as per ISO 8573-1:2010 [2:2:2] at -40° C Pressure demperature 5 ° C 50° C I lectrical connection 1, function Power supply AC Electrical connection 1, connection type Socket Electrical connection 1, number of pins/wires 3 Electrical connection 1, number of pins/wires 3 Electrical connection 1, function Power supply DC Electrical connection 1, number of pins/wires 3 Electrical connection 1, number of pins/wires 3 Electrical connection 1, connection type Socket		
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 CC characters KC EMC Examing (see declaration of conformity) As per EU EMC directive As per EU low voltage directive INCA marking (see declaration of conformity) To UK instructions for EMC TO UK instructions for electrical equipment TO UK instructions for electrical equipment Operating medium Compressed air as per 150 8573-1:2010 [6:-4] Operation with oil lubrication not possible no water in liquid form Pressure dew point -40 °C Porsoin resistance class (CRC) 2- Moderate corrosion stress VDMA24364-B1/82-L Storage temperature 2-20 °C 60 °C Compressed air as per 150 8573-1:2010 [2:1:2] at -70 °C Compressed air as per 150 8573-1:2010 [2:2:2] at -40 °C Polegree of protection Polegree (Polegree) Polegree) Polegree) Polegree (Polegree) Polegree) Polegree) Polegree (Polegree) Polegree)		
Power consumption at 24 VDC Power consumption with 230 VAC Power Consumption Power Po	Symbol	
Power consumption with 230 VAC Contamination level Contamination (see declaration of conformity) Contamination (see declaration of conformity) Contamination (see declaration of conformity) Contamination of the certifical equipment Compressed air as per ISO 8573-1:2010 [6::4] Contamination on operating and pilot media Contamination on operating and pilot media Contamination on operating and pilot media Corressure dew point Corressure dew point Corressure dew point for reduced rate of flow Corression resistance class (CRC) Corression resistance class (CRC) Corression resistance class (CRC) Corression and the contamination of the contaminat	Inlet pressure 1	4 bar 16 bar
Contamination level CC characters CC charact	Power consumption at 24 VDC	9.6 W
KC EMC Emarking (see declaration of conformity) As per EU low voltage directive As per EU low voltage directive To UK instructions for eMC To UK instruction f	Power consumption with 230 VAC	16 VA
As per EU EMC directive As per EU low voltage directive As per EU low voltage directive As per EU low voltage directive To UK instructions for EMC To UK instructions for EMC To UK instructions for electrical equipment Operating medium Compressed air as per ISO 8573-1:2010 [6::4] Operation on operating and pilot media Operation with oil lubrication not possible no water in liquid form Pressure dew point -40 °C Orrosion resistance class (CRC) 2 - Moderate corrosion stress ABS (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 Protection class III Operating medium -2 °C 50 °C Protection class III Operating medium -2 °C 50 °C Product weight -13000 g Electrical connection 1, connection type -13000 g Power supply AC Electrical connection 1, connection type -13000 g Electrical connection 1, connection type -13000 g Electrical connection 1, connection type -13000 g Electrical connection 1, conception flying wires -13000 g Electrical connection 1, conception flying swires -13000 g Electrical connection 1, connection flying swires -13000 g Electrical connection 2, c	Contamination level	2
As per EU low voltage directive JRCA marking (see declaration of conformity) To UK instructions for EMC Compressed air as per ISO 8573-1:2010 [6::4] Operation with oil lubrication not possible no water in liquid form Pressure dew point Pressure dew point for reduced rate of flow -70 °C -70 °	KC characters	KC EMC
To UK instructions for electrical equipment Compressed air as per ISO 8573-1:2010 [6:-:4] Operating medium 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 ABS (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 [2:1:2] at -70 °C Compressed air as per ISO 8573-1:2010 [2:2:2] at -40 °C Pressure of medium 2 °C 50 °C Protection class II Devervoltage category II Ambient temperature 5 °C 50 °C Product weight 13000 g Electrical connection 1, function Power supply AC 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 Electrical connection 2, connection type Electrical connection 2, function Power supply DC Electrical connection 2, connection type	CE marking (see declaration of conformity)	· ·
Operation with oil lubrication not possible no water in liquid form -40 °C Pressure dew point -40 °C -70 °C Corrosion resistance class (CRC) 2 · Moderate corrosion stress 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 [2:1:2] at -40 °C Femperature of medium 2 °C 50 °C Femperature of medium Degree of protection Protection class II Divervoltage category III Ambient temperature 5 °C 50 °C Product weight 13000 g 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 Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC Electrical connection 2, function Power supply DC Electrical connection 2, connection type Electrical connection 2, function Power supply DC Electrical connection 2, connection type Electrical connection 2, function Power supply DC Electrical connection 2, connection type Electrical connection 2, function Power supply DC Electrical connection 2, connection type Electrical connection 2, connection type Electrical connection 2, connection type	UKCA marking (see declaration of conformity)	
no water in liquid form -40 °C Pressure dew point -40 °C Pressure dew point for reduced rate of flow -70 °C Corrosion resistance class (CRC) 2 - Moderate corrosion stress ABS (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 Femperature of medium 2 °C 50 °C Femperature of protection IP65 Protection class II Divervoltage category II Ambient temperature 5 °C 50 °C Product weight 13000 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 2 Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC Electrical connection 2, function Power supply DC Electrical connection 2, connection type Socket	Operating medium	Compressed air as per ISO 8573-1:2010 [6:-:4]
Pressure dew point for reduced rate of flow -70 °C Corrosion resistance class (CRC) 2 · Moderate corrosion stress 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 Imperature of medium 2 °C 50 °C IP65 Protection class II Devervoltage category III Ambient temperature 5 °C 50 °C Product weight 13000 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 2, function Power supply DC Electrical connection 2, function Power supply DC Electrical connection 2, function Power supply DC Electrical connection 2, connection type Socket	Information on operating and pilot media	1 '
Corrosion resistance class (CRC) 2 - Moderate corrosion stress 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 Emperature of medium 2 °C 50 °C Degree of protection IP65 Protection class II Dervoltage category II Ambient temperature 5 °C 50 °C Product weight 13000 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 Electrical connection 2, connection type Socket	Pressure dew point	-40 °C
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 Femperature of medium 2 °C 50 °C Degree of protection IP65 Protection class II Devervoltage category Ambient temperature 5 °C 50 °C Product weight 13000 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 2, connection type Electrical connection 2, connection 1, power supply DC Electrical connection 2, connection type Socket Power supply DC Electrical connection 2, connection type Socket	Pressure dew point for reduced rate of flow	-70 °C
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 Emperature of medium 2 °C 50 °C Protection class II Divervoltage category III Ambient temperature 5 °C 50 °C Product weight 13000 g Electrical connection 1, function Power supply AC Electrical connection 1, connection technology Electrical connection 1, number of pins/wires Electrical connection 1, number of pins/wires Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC Electrical connection 2, connection type Socket Power supply DC Electrical connection 2, connection type Socket	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Compressed air as per ISO 8573-1:2010 [2:1:2] at -70°C Compressed air as per ISO 8573-1:2010 [2:1:2] at -40°C Gemperature of medium 2 ° C 50 ° C Degree of protection IP65 Protection class II Divervoltage category II Ambient temperature 5 ° C 50 ° C Product weight 13000 g 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 Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC Electrical connection 2, connection type Socket Power supply DC Electrical connection 2, connection type Socket	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 Protection Class II Divervoltage category III Ambient temperature 5°C 50°C Product weight 13000 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 Electrical connection 2, connection type Socket	Storage temperature	-20 ℃ 60 ℃
Degree of protection IP65 Protection class III Devervoltage category III Ambient temperature 5 °C 50 °C Product weight 13000 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 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC Electrical connection 2, connection type Socket	Air quality class at the output	· · · · · · · · · · · · · · · · · · ·
Protection class Divervoltage category Ambient temperature 5 °C 50 °C Product weight 13000 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 Electrical connection 1, occupied pins/wires Electrical connection 2, function Power supply DC Electrical connection 2, connection type Socket	Temperature of medium	2 °C 50 °C
Overvoltage category Ambient temperature 5 °C 50 °C Product weight 13000 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 Electrical connection 2, function Power supply DC Electrical connection 2, connection type Socket	Degree of protection	IP65
Ambient temperature 5 °C 50 °C Product weight 13000 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 Electrical connection 2, connection type Socket	Protection class	II
Product weight 13000 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 Electrical connection 1, occupied pins/wires Electrical connection 2, function Power supply DC Electrical connection 2, connection type Socket	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 Electrical connection 2, connection type Socket	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 Electrical connection 2, connection type Socket	Product weight	13000 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 2, connection type Socket	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 2, connection type Socket	Electrical connection 1, connection type	Socket
Electrical connection 1, occupied pins/wires 2 Electrical connection 2, function Power supply DC Electrical connection 2, connection type Socket	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 2, connection type Socket	Electrical connection 1, number of pins/wires	3
Electrical connection 2, function Power supply DC Electrical connection 2, connection type Socket	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, connection technology	Connection diagram form C as per industrial standard, 9.4 mm

Feature	Value
Electrical connection 2, number of pins/wires	4
Electrical connection 2, occupied pins/wires	2
Type of mounting	With accessories
Pneumatic connection 1	G3/8
Pneumatic connection 2	G3/8
Note on materials	RoHS-compliant
Housing material	Wrought aluminum alloy