

## PG 8583 CD [WW ADP CM] Laboratory dishwasher with pump for AD water, liquid dispensing, DryPlus & conductivity monitoring.



- Performance/cycle, e.g. 128 laboratory bottles
- Safety Wash pressure, spray arm and conductivity monitoring
- Efficient hot air drying DryPlus
- Total security link to process documentation possible

EAN: 4002515630556 / Material number: 10224270 / Old Material Number: 62858361GB

Construction type  Casing  Can be built-under  AutoClose – automatic door lock  Buzzer, acoustic signal at end of programme  Service-friendly design  Application  Suitable for laboratories  Capacity  Laboratory flasks per cycle [number]  Performance data  Circulation pump, Qmax in Irmin  Son  Wash cabinet usable capacity in I  Tested operating hours  Maximum final rinse temperature in °C  Controls  Control type  Programme selection  Max. delay start in h  Programma positions [number]  Free programme positions [number]  Atomatic programme restart  Selectable display languages  Standard electrical connection  Electrical connection cable in m  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electrical connection  AC 230V 50HZ  Electrical connection  Electrical connection  AC 230V 50HZ  Electrical connection  Electrical connection  Electrical connection  AC 230V 50HZ  Electrical connection  Electrical connection  AC 230V 50HZ  Electrical connection  Electrical con	Construction type and design	
casing Stainless steel Can be built-under AutoClose – automatic door lock Buzzer, acoustic signal at end of programme Performance data Circulation pump, Qmax in I/min Wash cabinet usable capacity in I 145.00 Tested operating hours Control type Control type Programme selection Direct-access pushbuttons Max. delay start in h Programme positions [number] Aprogramme sequence display Automatic programme restart Selectrical connection Electrical connection Electric heater rating in kW Fuse rating in A Possible voltage variant 2 Electric leater rating in kW Cotal rated load in kW Fuse rating in A Possible voltage variant 2 Electric heater rating in kW Cotal rated load in kW Fuse rating in A Possible voltage variant 2 Electric heater rating in kW Cotal rated load in kW Fuse rating in A Possible voltage variant 2 Electric heater rating in kW Cotal rated load in kW Fuse rating in A Possible voltage variant 2 Electric heater rating in kW Cotal rated load in kW Fuse rating in A Cotal value connection Electric heater rating in kW Cotal rated load in kW Fuse rating in A Fuse rating i		Freestanding can be built-
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Application Suitable for laboratories Capacity Laboratory flasks per cycle [number] Pipettes per cycle [number] Performance data Circulation pump, Qmax in I/min Soo Wash cabinet usable capacity in I Tested operating hours Maximum final rinse temperature in °C 93 Controls Control type TouchControl Programme selection Touch on MSetal Direct-access pushbuttons Max. delay start in h Programmes [number] Free programme positions [number] Free programme positions [number] Free programme sequence display Automatic programme restart Selectable display languages Standard electrical connection Electric actinection Total rated load in kW Fossible voltage variant 1 Electric heater rating in kW Total rated load in kW Possible voltage variant 2 Electric heater rating in kW Cossible voltage variant 2 Electric heater ra	Buzzer, acoustic signal at end of programme	•
Suitable for laboratories  Capacity Laboratory flasks per cycle [number] Pipettes per cycle [number] Performance data Circulation pump, Qmax in I/min Wash cabinet usable capacity in I Tested operating hours Maximum final rinse temperature in °C 93 Control type Control type TouchControl Programme selection Touch on MSetal Direct-access pushbuttons Max. delay start in h Programmability Programmes [number] Free programme positions [number] A0 value controls Time left display Programme sequence display Automatic programme restart Selectable display languages Standard electrical connection Electrical connection Electrical connection and two solutions of the solution	Service-friendly design	•
Capacity     Laboratory flasks per cycle [number]     128       Pipettes per cycle [number]     98       Performance data     98       Circulation pump, Qmax in I/min     500       Wash cabinet usable capacity in I     145.00       Tested operating hours     15000       Maximum final rinse temperature in °C     93       Control S     TouchControl       Control type     TouchControl       Programme selection     Touch on MSetal       Direct-access pushbuttons     •       Max. delay start in h     24       Programmability     programmable       Programmes [number]     15       Free programme positions [number]     2       A0 value controls     •       Time left display     •       Programme sequence display     •       Automatic programme restart     •       Selectable display languages     •       Standard electrical connection     AC 230V 50HZ       Electrical connection     AC 230V 50HZ       Electric heater rating in kW     5.50       Total rated load in kW     8.50       Possible voltage variant 1     18       Electric heater rating in kW     8.50       Total rated load in kW     9.30       Fuse rating in A     15-16       Possible	Application	
Laboratony flasks per cycle [number]         128           Pipettes per cycle [number]         98           Performance data         500           Circulation pump, Qmax in I/min         500           Wash cabinet usable capacity in I         145.00           Tested operating hours         15000           Maximum final rinse temperature in °C         93           Control type         TouchControl           Control type         Touch on MSetal           Direct-access pushbuttons         •           Max. delay start in h         24           Programme selection         15           Max. delay start in h         24           Programmes [number]         15           Free programme positions [number]         2           A0 value controls         •           Time left display         •           Programme sequence display         •           Automatic programme restart         •           Selectable display languages         •           Standard electrical connection         AC 230V 50HZ           Electrical connection         AC 230V 50HZ           Electrical pin A         30-32           Length of mains connection cable in m         1.80           Possible voltage vari	Suitable for laboratories	•
Pipettes per cycle [number]         98           Performance data         500           Circulation pump, Omax in I/min         500           Wash cabinet usable capacity in I         145.00           Tested operating hours         15000           Maximum final rinse temperature in °C         93           Controls         TouchControl           Control type         Touch on MSetal           Programme selection         Touch on MSetal           Direct-access pushbuttons         •           Max. delay start in h         24           Programmability         programmable           Programme Sequence of spitumber]         15           Free programme positions [number]         2           A0 value controls         •           Time left display         •           Programme sequence display         •           Automatic programme restart         •           Selectable display languages         •           Standard electrical connection         AC 230V 50HZ           Electrical connection         AC 230V 50HZ           Electrical connection and the W         5.50           Total rated load in RW         5.50           Total rated load in kW         8.50           Total rat	Capacity	
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Circulation pump, Qmax in I/min  Wash cabinet usable capacity in I  Tested operating hours  Maximum final rinse temperature in °C  Controls  Control type  TouchControl  Programme selection  Direct-access pushbuttons  Max. delay start in h  Programmes [number]  Free programme positions [number]  A0 value controls  Time left display  Programme sequence display  Automatic programme restart  Selectable display languages  Standard electrical connection  Electric heater rating in kW  Fossible voltage variant 1  Electric heater rating in kW  Fossible voltage variant 2  Electric connection  AC 230V 50HZ  Electric heater rating in kW  Fuse rating in A  Possible voltage variant 2  Electric connection  AC 230V 50HZ  Electric heater rating in kW  Fuse rating in A  AC 230V 50HZ  Electric heater rating in kW  Fuse rating in A  AC 230V 50HZ  Electric heater rating in kW  Fuse rating in A  Total rated load in kW  Fuse rating in A  Total rated load in kW  Fuse rating in A  Fuse rating i	Pipettes per cycle [number]	98
Wash cabinet usable capacity in I Tested operating hours  Maximum final rinse temperature in °C  Controls  Control type  Programme selection  Direct-access pushbuttons  Max. delay start in h Programmability  Programmes [number]  Free programme positions [number]  A0 value controls  Time left display  Programme sequence display  Automatic programme restart  Selectable display languages  Standard electrical connection  Electric heater rating in kW  Fuse rating in A  Length of mains connection cable in m  Possible voltage variant 2  Electric heater rating in kW  Fuse rating in A  Possible voltage variant 2  Electric heater rating in kW  Fuse rating in A  Possible voltage variant 2  Electric heater rating in kW  Fuse rating in A  15-16  Possible voltage variant 2  Electric heater rating in kW  Fuse rating in A  15-16  Value and Name A  15-16  Value connection/drainage  Cold water [number]  1 1	Performance data	
Tested operating hours  Maximum final rinse temperature in °C  Controls  Control type  TouchControl  Programme selection  Direct-access pushbuttons  Max. delay start in h  Programmes [number]  Free programme positions [number]  A0 value controls  Time left display  Programme restart  Selectable display languages  Standard electrical connection  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  Total rated load in kW  Fossible voltage variant 1  Electrical connection  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  Total rated load in kW  Fuse rating in A  Possible voltage variant 1  Electrical connection  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  5.50  Total rated load in kW  9.30  Fuse rating in A  15-16  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  3.30  Fuse rating in A  15-16  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  9.30  Fuse rating in A  15-16  Possible voltage variant 2  Electric heater rating in kW  3.30  Fuse rating in A  15-16  Water connection/drainage  Cold water [number]	Circulation pump, Qmax in I/min	500
Maximum final rinse temperature in °C  Controls  Control type  TouchControl  Programme selection  Max. delay start in h  Programmes [number]  Programmes [number]  A0 value controls  Time left display  Programme sequence display  Automatic programme restart  Selectable display languages  Standard electrical connection  Electrical connection  Electric heater rating in kW  Total rated load in kW  Possible voltage variant 1  Electrical connection  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  Total rated load in kW  Possible voltage variant 1  Electric heater rating in kW  Total rated load in kW  Fuse rating in A  AC 230V 50HZ  Electric heater rating in kW  Total rated load in kW  8.50  Total rated load in kW  9.30  Fuse rating in A  AC 230V 50HZ  Electric heater rating in kW  3.30  Total rated load in kW  9.30  Fuse rating in A  15-16  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  3.30  Fuse rating in A  Total rated load in kW  3.30  Fuse rating in A  Total rated load in kW  3.30  Fuse rating in A  Fuse rating in A  Total rated load in kW  Fuse rating in A  Total rated load in kW  Fuse rating in A  Total rated load in kW  Fuse rating in A  Total rated load in kW	Wash cabinet usable capacity in I	145.00
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Control type       TouchControl         Programme selection       Touch on MSetal         Direct-access pushbuttons       •         Max. delay start in h       24         Programmability       programmable         Programmes [number]       15         Free programme positions [number]       2         A0 value controls       •         Time left display       •         Programme sequence display       •         Automatic programme restart       •         Selectable display languages       •         Standard electrical connection       AC 230V 50HZ         Electrical connection       AC 230V 50HZ         Electrical connection       AC 230V 50HZ         Electric heater rating in kW       5.50         Total rated load in kW       3.0-32         Length of mains connection cable in m       1.80         Possible voltage variant 1       Electrical connection         Electric heater rating in kW       8.50         Total rated load in kW       9.30         Fuse rating in A       15-16         Possible voltage variant 2       Electrical connection         Electric heater rating in kW       2.50         Total rated load in kW       3.30		93
Programme selection Direct-access pushbuttons  Max. delay start in h Programmability Programmability Programmes [number] Free programme positions [number] A0 value controls Fine left display Programme sequence display Automatic programme restart Selectable display languages Standard electrical connection Electrical connection AC 230V 50HZ Electric heater rating in kW Fuse rating in A Length of mains connection cable in m Possible voltage variant 1 Electrical econnection Sun AC 230V 50HZ Electric heater rating in kW Fuse rating in A Length of mains connection Sun AC 400V 50HZ Electric heater rating in kW Fuse rating in A Length of mains connection AC 230V 50HZ Electrical connection AC 230V 50HZ Electric heater rating in kW AC 2.50  Total rated load in kW	Controls	
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Programmability programmable Programmes [number] 15 Free programme positions [number] 2 A0 value controls • Time left display • Programme sequence display • Automatic programme restart • Selectable display languages • Standard electrical connection Electrical connection AC 230V 50HZ Electric heater rating in kW 5.50 Total rated load in kW 6.30 Fuse rating in A 30-32 Length of mains connection cable in m 1.80  Possible voltage variant 1 Electrical connection 3N AC 400V 50HZ Electric heater rating in kW 8.50 Total rated load in kW 9.30 Fuse rating in A 15-16  Possible voltage variant 2 Electrical connection AC 230V 50HZ Electric heater rating in kW 3.30 Fuse rating in A 15-16  Valerated load in kW 3.30 Fuse rating in A 15-16  Valerated load in kW 3.30 Fuse rating in A 15-16  Valerated load in kW 3.30 Fuse rating in A 15-16  Valerated load in kW 3.30 Fuse rating in A 15-16  Valerated load in kW 3.30 Fuse rating in A 15-16  Valerated load in kW 15-16  Valerated load in kW 15-16  Valerated load in kW 15-16	Direct-access pushbuttons	•
Programmes [number] 15 Free programme positions [number] 2 A0 value controls • Time left display • Programme sequence display • Automatic programme restart • Selectable display languages • Standard electrical connection Electrical connection AC 230V 50HZ Electric heater rating in kW 5.50 Total rated load in kW 6.30 Fuse rating in A 30-32 Length of mains connection aNAC 400V 50HZ Electric heater rating in kW 8.50  Possible voltage variant 1 Electric aconnection 3N AC 400V 50HZ Electric heater rating in kW 8.50  Total rated load in kW 9.30 Fuse rating in A 15-16  Possible voltage variant 2 Electrical connection AC 230V 50HZ Electric heater rating in kW 9.30 Fuse rating in A 15-16  Possible voltage variant 2 Electrical connection AC 230V 50HZ Electric heater rating in kW 3.30 Fuse rating in A 15-16  Water connection/drainage Cold water [number] 1	Max. delay start in h	24
Free programme positions [number] 2  A0 value controls • • • • • • • • • • • • • • • • • • •	Programmability	programmable
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Programme sequence display  Automatic programme restart  Selectable display languages  Standard electrical connection  Electrical connection  Electric heater rating in kW  Total rated load in kW  Fuse rating in A  Length of mains connection  Electric heater rating in kW  Possible voltage variant 1  Electric heater rating in kW  Total rated load in kW  8.50  Total rated load in kW  9.30  Fuse rating in A  15-16  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  9.30  Fuse rating in A  15-16  Possible voltage variant 2  Electric heater rating in kW  3.30  Total rated load in kW  2.50  Total rated load in kW  3.30  Fuse rating in A  15-16  Water connection/drainage  Cold water [number]	A0 value controls	•
Automatic programme restart  Selectable display languages  Standard electrical connection  Electric connection  AC 230V 50HZ  Electric heater rating in kW  Total rated load in kW  6.30  Fuse rating in A  Length of mains connection cable in m  Possible voltage variant 1  Electric heater rating in kW  8.50  Total rated load in kW  9.30  Fuse rating in A  Possible voltage variant 1  Electrical connection  3N AC 400V 50HZ  Electric heater rating in kW  9.30  Fuse rating in A  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  2.50  Total rated load in kW  3.30  Fuse rating in A  15-16  Water connection/drainage  Cold water [number]	Time left display	•
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Standard electrical connectionElectrical connectionAC 230V 50HZElectric heater rating in kW5.50Total rated load in kW6.30Fuse rating in A30-32Length of mains connection cable in m1.80Possible voltage variant 1Electrical connection3N AC 400V 50HZElectric heater rating in kW8.50Total rated load in kW9.30Fuse rating in A15-16Possible voltage variant 2Electrical connectionElectric heater rating in kW2.50Total rated load in kW3.30Fuse rating in A15-16Water connection/drainage15-16Cold water [number]1	Automatic programme restart	•
Electrical connection AC 230V 50HZ  Electric heater rating in kW 5.50  Total rated load in kW 6.30  Fuse rating in A 30-32  Length of mains connection cable in m 1.80  Possible voltage variant 1  Electrical connection 3N AC 400V 50HZ  Electric heater rating in kW 8.50  Total rated load in kW 9.30  Fuse rating in A 15-16  Possible voltage variant 2  Electrical connection AC 230V 50HZ  Electric heater rating in kW 2.50  Total rated load in kW 3.30  Fuse rating in A 15-16  Water connection/drainage  Cold water [number] 1	Selectable display languages	•
Electric heater rating in kW  Total rated load in kW  Euse rating in A  Length of mains connection cable in m  Possible voltage variant 1  Electrical connection  Source rating in kW  Total rated load in kW  Possible voltage variant 2  Electric heater rating in kW  Fuse rating in A  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  Total rated load in kW  2.50  Total rated load in kW  Total rated load in kW  3.30  Fuse rating in A  Total rated load in kW	Standard electrical connection	
Total rated load in kW  Fuse rating in A  Length of mains connection cable in m  Possible voltage variant 1  Electrical connection  3N AC 400V 50HZ  Electric heater rating in kW  7 total rated load in kW  9.30  Fuse rating in A  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  2.50  Total rated load in kW  3.30  Fuse rating in A  15-16  Water connection/drainage  Cold water [number]	Electrical connection	AC 230V 50HZ
Fuse rating in A         30-32           Length of mains connection cable in m         1.80           Possible voltage variant 1           Electrical connection         3N AC 400V 50HZ           Electric heater rating in kW         8.50           Total rated load in kW         9.30           Fuse rating in A         15-16           Possible voltage variant 2         Electrical connection           Electric heater rating in kW         2.50           Total rated load in kW         3.30           Fuse rating in A         15-16           Water connection/drainage         Cold water [number]	Electric heater rating in kW	5.50
Length of mains connection cable in m  Possible voltage variant 1  Electrical connection  3N AC 400V 50HZ  Electric heater rating in kW  7 total rated load in kW  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  2.50  Total rated load in kW  7 total rated load in kW  15-16  Water connection/drainage  Cold water [number]	Total rated load in kW	6.30
Possible voltage variant 1  Electrical connection 3N AC 400V 50HZ  Electric heater rating in kW 8.50  Total rated load in kW 9.30  Fuse rating in A 15-16  Possible voltage variant 2  Electrical connection AC 230V 50HZ  Electric heater rating in kW 2.50  Total rated load in kW 3.30  Fuse rating in A 15-16  Water connection/drainage  Cold water [number] 1	Fuse rating in A	30-32
Electrical connection         3N AC 400V 50HZ           Electric heater rating in kW         8.50           Total rated load in kW         9.30           Fuse rating in A         15-16           Possible voltage variant 2         Electrical connection           Electric heater rating in kW         2.50           Total rated load in kW         3.30           Fuse rating in A         15-16           Water connection/drainage         Cold water [number]	Length of mains connection cable in m	1.80
Electric heater rating in kW  Total rated load in kW  9.30  Fuse rating in A  15-16  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  2.50  Total rated load in kW  3.30  Fuse rating in A  Water connection/drainage  Cold water [number]  15-16	Possible voltage variant 1	
Total rated load in kW  Fuse rating in A  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  Total rated load in kW  3.30  Fuse rating in A  Water connection/drainage  Cold water [number]  9.30  AC 230V 50HZ  2.50  3.30  15-16	Electrical connection	3N AC 400V 50HZ
Fuse rating in A  Possible voltage variant 2  Electrical connection  AC 230V 50HZ  Electric heater rating in kW  Total rated load in kW  3.30  Fuse rating in A  Water connection/drainage  Cold water [number]  15-16	Electric heater rating in kW	8.50
Possible voltage variant 2  Electrical connection AC 230V 50HZ  Electric heater rating in kW 2.50  Total rated load in kW 3.30  Fuse rating in A 15-16  Water connection/drainage  Cold water [number] 1	Total rated load in kW	9.30
Electrical connection         AC 230V 50HZ           Electric heater rating in kW         2.50           Total rated load in kW         3.30           Fuse rating in A         15-16           Water connection/drainage         Cold water [number]           1         1	Fuse rating in A	15-16
Electric heater rating in kW  7 otal rated load in kW  3.30  Fuse rating in A  Water connection/drainage  Cold water [number]  2.50  3.30  15-16  1-16	Possible voltage variant 2	
Total rated load in kW 3.30  Fuse rating in A 15-16  Water connection/drainage  Cold water [number] 1	Electrical connection	AC 230V 50HZ
Fuse rating in A 15-16  Water connection/drainage Cold water [number] 1	Electric heater rating in kW	2.50
Water connection/drainage Cold water [number] 1	Total rated load in kW	3.30
Cold water [number] 1	Fuse rating in A	15-16
	Water connection/drainage	
Cold water for steam condenser [number] 1	Cold water [number]	1
	Cold water for steam condenser [number]	1



## PG 8583 CD [WW ADP CM] Laboratory dishwasher with pump for AD water, liquid dispensing, DryPlus & conductivity monitoring.



EAN: 4002515630556 / Material number: 10224270 / Old Material Number: 62858361GB

Hot water [number]	1
Required flow pressure in kPa	200-1000
Maximum delivery head for drain pump in cm	100
Maximum water hardness (cold water/hot water) in mmol/l	10.70
VEP – with feed pump for DI water [number]	1
Drain pump [DN]	22
Integrated water softener	•
Water protection system	Waterproof system
Dimensions and weight	
External dimensions, net height in mm	820
External dimensions, net width in mm	900
External dimensions, net depth in mm	600
Wash cabinet, usable height in mm	520
Wash cabinet, usable width in mm	530
Net weight in kg	98
Drying unit	
Integrated drying unit	•
Fan in kW	0.30
Heater element in kW	2.20
Total rated load in kW	2.50
Air throughput in m³/h	60
Temperature setting in 1 °C increments	50-115
Time setting in 1-minute increments	0-120
HEPA filter class	H14
HEPA filter filtration efficiency (in accordance with DIN EN	99.99
1822) in %	00.00
HEPA filter service life in h	500
Dimensions and weight	
External dimensions, gross height in mm	1095
External dimensions, gross width in mm	1200
External dimensions, gross depth in mm	800
Wash cabinet, depth of upper basket in mm	474
Wash cabinet, depth of lower basket in mm	520
Gross weight in kg	133
Emissions data	
Emission sound pressure level in the workplace	<70 dB(A) re 20 μPa
Heat dissipation into the room in MJ/h	1.40
Programmes	
Standard	•
Intensive	•
Features	
Additional integrated dispenser pumps (optional)	•
Interface for process documentation (optional)	•
Extensive components (option)	•
Programmes	
Special 93 °C-10'	•
Universal	•
Inorganic	•
Organic	•
Injector Plus	•
Pipettes	•



## PG 8583 CD [WW ADP CM] Laboratory dishwasher with pump for AD water, liquid dispensing, DryPlus & conductivity monitoring.



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Plastics	•
Mini	•
Oil programme	•
Connection options	
RS 232 serial interface (optional)	•
Features	
1 dispenser pump for liquid cleaning agent	•
1 dispenser pump for neutralising agent	•
Steam condenser	•
Spray pressure monitoring	•
Spray arm monitoring	•
Conductivity monitoring	•
Multi-component filter system	•
Variable-speed heater pump	•
Load carrier - direct coupling	•
DryPlus	•
In-door salt container	•
Customer Service optical interface	•
Setting options for process chemicals (3 x 5 l / 2 x 10 l)	•
Wash cabinet seamlessly welded using laser technology	•
Heater elements outside wash cabinet	•
Connection options	
WiFi via DataDiary (optional)	•
Ethernet interface (optional)	•
Standards, certs, symbols	
VDE (electrical safety)	•
IP safety class according to EN 60529: IP 21	•
EN 61010-2-040	•
RoHS guideline 2011/65/EU	•
WRAS	•
Machinery Directive 2006/42/EC	•
Standards, certs, symbols	
EN 61010-1	•