



Similar to figure

Data sheet

Hydraulic data

Minimum efficiency index (MEI)	≥0.4
Max. operating pressure <i>p</i>	10 bar
Maximum operating pressure PN	10 bar
Min. fluid temperature T_{\min}	-20 °C
Max. fluid temperature T_{max}	120 °C
Max. ambient temperature $T_{\rm max}$	40 °C
Flow max Q _{max}	80.0 m³/h
Opt. volume flow Q opt	58.3 m³/h
Head max H _{max}	16.1 m
Opt. delivery head H opt	10.5 m
Height H _{Qmin}	16.1 m
Height H ₂₀	15.2
Height H ₄₀	13.3
Height H 60	10.2
Height H ₈₀	5.3

Motor data

Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Motor efficiency class	IE3
Rated power P ₂	2.2 kW
Rated current I_{N}	4.5 A
Rated speed <i>n</i>	2900 1/min
Power factor $cos \ arphi_{100}$	0.81
Motor efficiency 50% $\eta_{\rm M}$ 50%	84.5 %
Motor efficiency 75% $\eta_{\rm M}$ 75%	85.9 %
Motor efficiency 100% $\eta_{\rm M}$ 100%	85.9 %
Motor winding up to 3 kW	-
Motor winding from 4 kW	-
Insulation class	F
Protection class motor	IP55
Integrated full motor protection	-

Materials

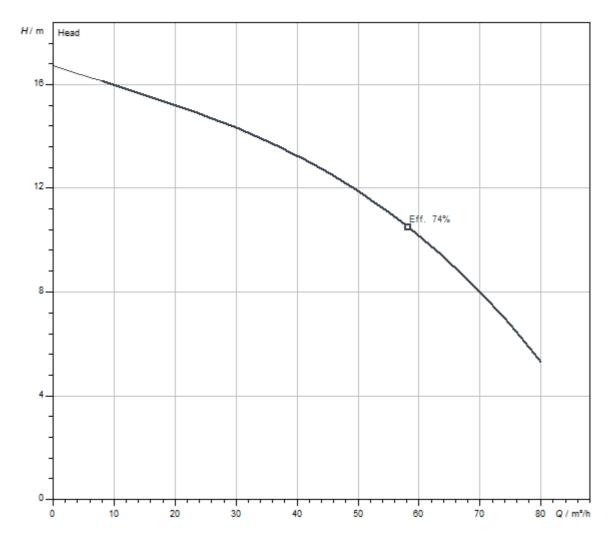
Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Mechanical seal	AQ1EGG
Lantern	Grey cast iron



Installation dimensions

Pipe connection on the suction side <i>DNs</i>	DN 80
Pipe connection on the discharge side <i>DNd</i>	DN 80
Port-to-port length <i>L0</i>	360 mm

Pump curves

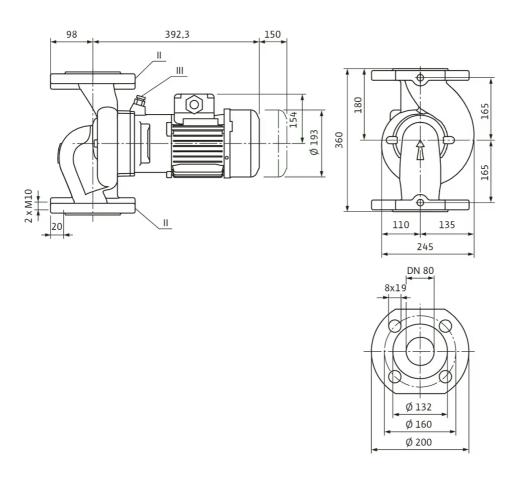


Fluid media	Water 100 %
Fluid temperature <i>T</i>	20,00 °C
speed at duty point <i>n hydr. @ OP</i>	2.900 1/min
Impeller diameter <i>d imp</i> .	119,3 mm



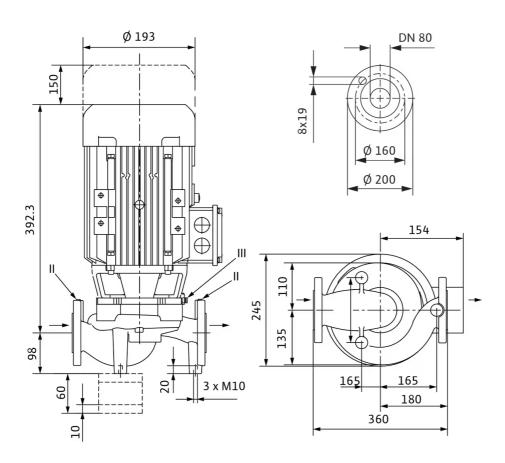
Dimensions and dimensions drawings

VeroLine-IPL 80/115-2,2/2



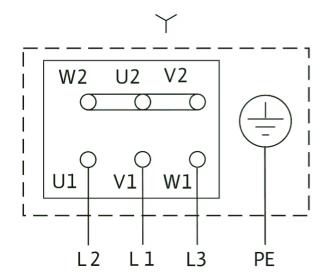


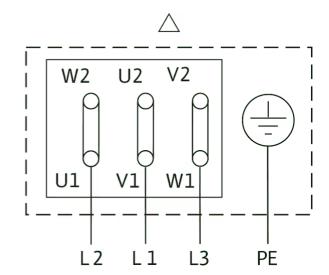
VeroLine-IPL 80/115-2,2/2





Wiring diagram





- Δ: Connection diagram delta connection
- Y: Connection diagram star connection

Motor protection switch required on-site. Check the direction of rotation! To change the direction of rotation, exchange any two phases.

P₂≤ 3 kW 3~400 V Y

3~230 V ∆

P₂≥ 4 kW 3~690 V Y

3~400 V Δ

After removing the bridges, $Y-\Delta$ start is possible.

Ordering information

Product data

Brand	Wilo
Product description	VeroLine-IPL 80/115-2,2/2
Article number	2121228 🔼
EAN number	4048482215006
Colour	Green
Minimum order quantity	1
Date of sales availability	2015-09-01

Packaging

Packaging type	Cardboard box
Packaging property	Transport packaging
Pieces per pallet	1
Number per layer	1

Dimension, weight

Length with packaging	800 mm
Length L	490.3 mm
Height with packaging	525 mm
Height <i>H</i>	360 mm
Width with packaging	600 mm
Width W	245 mm
Gross weight, approx. <i>m</i>	52.2 kg



Tender text

Single-stage glanded centrifugal pump with compact inline design with directly flanged three-phase current motor and one-piece shaft or with lantern and standard motor rigidly connected by coupling (N version). The IPL series is suitable for pipe installation or installation on a base. Mounting brackets are available as accessories. With force-flushed circulation, bidirectional bellows mechanical seal and cavitation-reducing plastic impeller.

Flanges with pressure measuring connections R 1/8. The pump housing and lantern are cataphoretic-coated.

The motor terminal box can be made of metal or plastic. If a metal terminal box is absolutely necessary, please order the appropriate special variant.

Operating Data

Min. fluid temperature T_{\min}	-20 °C
Max. fluid temperature $T_{\rm max}$	120 °C
Min. ambient temperature T_{\min}	-15 °C
Max. ambient temperature $T_{\rm max}$	40 °C
Maximum operating pressure <i>PN</i>	10 bar
Minimum efficiency index (MEI)	≥0.4

Materials

Pump housing	Grey cast iron
Impeller	PPE/PS-GF30
Shaft	Stainless steel
Shaft seal	AQ1EGG
Lantern	Grey cast iron

Motor data

Motor efficiency class	IE3
Mains connection	3~400 V, 50 Hz
Voltage tolerance	±10 %
Rated power P ₂	2200 W
Rated speed <i>n</i>	2900 1/min
Rated current $I_{\rm N}$	4.5 A
Power factor $cos\ arphi_{100}$	0.81
Motor efficiency 50% $\eta_{ m M}$ 50%	84.5 %
Motor efficiency 75% $\eta_{\rm M}$ 75%	85.9 %
Motor efficiency 100% $\eta_{ m M}$ 100%	85.9 %
Insulation class	F
Protection class	IP55

Installation dimensions

Pipe connection on the suction side <i>DNs</i>	DN 80
Pipe connection on the discharge side <i>DNd</i>	DN 80
Port-to-port length <i>L0</i>	360 mm

Ordering information

Brand	Wilo
Product description	VeroLine-IPL 80/115-2,2/2
Net weight, approx. <i>m</i>	43.3 kg
Article number	2121228 🔼



Installation type

Continuous, infinitely variable control, differential pressure-sensitive CC-HVAC system

CC-HVAC system		
CC-HVAC-System 2x5.6A-T34-DOL-FC-WM	2527813 EL	JR 12,266
CC-HVAC-System 3x5.6A-T34-DOL-FC-WM	2527814 EU	JR 12,877
Antenna GSM/GPRS		
D-network dual-band antenna with 3 m cable	2533862 E	EUR 213
D-network tri-band antenna 10 m cable	2533863 E	EUR 640
D-network tri-band antenna 15 m cable	2533864 E	EUR 709
Outdoor temperature sensor Pt 100		
Outdoor temperature sensor Pt 100	2533772 E	EUR 159
DDG impulse selector		
DDG impulse selector	2533770 E	EUR 691
BMS base module		
BMS base module	2533800 E	EUR 876
CC communication module BACnet		
CC-communication module BACnet IP (slave)	2537051 EU	UR 2,051
CC-communication module BACnet MS/TP (slave)	2537050 EU	UR 2,468
Communication module LON		
Communication module LON	2533868 EU	UR 4,323
Communication module ModBus		
Communication module Modbus RTU	2533869 EU	UR 1,027
Communication module Profibus		
Communication module Profibus DP	2533866 EU	UR 1,504
Communication module GSM		
GSM module	2533861 EU	UR 1,663
Pump signalling module		
Signalling module pump 1-2	2533812 E	EUR 535
Signalling module pump 3-6	2533836 E	EUR 517

Signal converter retrofit kit



Signal converter 0-10 V / 0-20 mA	2534992	EUR 318
Connection cable control modules/signalling modules		
Control modules connecting cable	2533790	EUR 235
Signalling modules connecting cable	2533890	EUR 235
DDG (4-20mA)		
Wilo-DDG 10 Signal Trans.(4-20mA)2G VP.	2136454	EUR 1,297
Wilo-DDG 100 Signal Trans.(4-20mA)	2211740	EUR 1,297
Wilo-DDG 20 Signal Trans.(4-20mA)2G VP.	2136456	EUR 1,297
Wilo-DDG 40 Signal Trans.(4-20mA)2G VP.	2136458	EUR 1,297
Wilo-DDG 60 Signal Trans.(4-20mA)2G VP.	2136460	EUR 1,297
PTC thermistor tripping unit		
PTC thermistor tripping unit	509275993	EUR 728
Continuous, infinitely variable control, temperature-dependent CC-HVAC syste	em	
CC-HVAC system		
CC-HVAC-System 2x5.6A-T34-DOL-FC-WM	2527813	EUR 12,266
CC-HVAC-System 3x5.6A-T34-DOL-FC-WM	2527814	EUR 12,877
Antenna GSM/GPRS		
D-network dual-band antenna with 3 m cable	2533862	EUR 213
D-network tri-band antenna 10 m cable	2533863	EUR 640
D-network tri-band antenna 15 m cable	2533864	EUR 709
Outdoor temperature sensor Pt 100		
Outdoor temperature sensor Pt 100	2533772	EUR 159
BMS base module		
BMS base module	2533800	EUR 876
CC communication module BACnet		
CC-communication module BACnet IP (slave)	2537051	EUR 2,051
CC-communication module BACnet MS/TP (slave)	2537050	EUR 2,468
Communication module LON		
Communication module LON	2533868	EUR 4,323
Communication module ModBus		
Communication module Modbus RTU	2533869	EUR 1,027



Communication module Profibus		
Communication module Profibus DP	2533866	EUR 1,504.
Communication module GSM		
GSM module	2533861	EUR 1,663
Pump signalling module		
Signalling module pump 1-2	2533812	EUR 535
Signalling module pump 3-6	2533836	EUR 517
Signal converter retrofit kit		
Signal converter 0-10 V / 0-20 mA	2534992	EUR 318
Temperature module		
Temperature module for systems with 1-3 pumps	2534991	EUR 1,371
Temperature module for systems with 4-6 pumps	2533771	EUR 1,085
Connection cable control modules/signalling modules		
Control modules connecting cable	2533790	EUR 235.
Signalling modules connecting cable		
Signalling modules connecting cable	2533890	EUR 235
PTC thermistor tripping unit	2533890	EUR 235
		EUR 235
PTC thermistor tripping unit PTC thermistor tripping unit	509275993	
PTC thermistor tripping unit PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti	509275993	
PTC thermistor tripping unit PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti	509275993 ive SC-HVAC system	EUR 728
PTC thermistor tripping unit PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti SC/SC-FC-HVAC system	509275993 ive SC-HVAC system	EUR 728
PTC thermistor tripping unit PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti SC/SC-FC-HVAC system SC-FC-HVAC system 1x6,3A-FC-WM (direct starting)	509275993 Sive SC-HVAC system 2545438 2545439	
PTC thermistor tripping unit PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti SC/SC-FC-HVAC system SC-FC-HVAC system 1x6,3A-FC-WM (direct starting) SC-FC-HVAC system 2x6,3A-FC-WM (direct starting)	509275993 Sive SC-HVAC system 2545438 2545439 2545440	EUR 728 EUR 9,915 EUR 10,548 EUR 11,161
PTC thermistor tripping unit PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti SC/SC-FC-HVAC system SC-FC-HVAC system 1x6,3A-FC-WM (direct starting) SC-FC-HVAC system 2x6,3A-FC-WM (direct starting) SC-FC-HVAC system 3x6,3A-FC-WM (direct starting)	509275993	EUR 728 EUR 9,915 EUR 10,548 EUR 11,161
PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti SC/SC-FC-HVAC system SC-FC-HVAC system 1x6,3A-FC-WM (direct starting) SC-FC-HVAC system 2x6,3A-FC-WM (direct starting) SC-FC-HVAC system 3x6,3A-FC-WM (direct starting) SC-FC-HVAC system 4x6,3A-FC-WM (direct starting) SC-FC-HVAC system 4x6,3A-FC-WM (direct starting) SC-FC-HVAC system 1x6,3A-WM (direct starting)	509275993	EUR 728 EUR 9,915 EUR 10,548 EUR 11,161 EUR 11,930 EUR 4,496
PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti SC/SC-FC-HVAC system SC-FC-HVAC system 1x6,3A-FC-WM (direct starting) SC-FC-HVAC system 2x6,3A-FC-WM (direct starting) SC-FC-HVAC system 3x6,3A-FC-WM (direct starting) SC-FC-HVAC system 4x6,3A-FC-WM (direct starting) SC-FC-HVAC system 4x6,3A-FC-WM (direct starting) SC-HVAC system 1x6,3A-WM (direct starting) SC-HVAC system 1x6,3A-WM (direct starting)	509275993	EUR 9,915 EUR 10,548 EUR 11,161 EUR 11,930 EUR 4,496 EUR 4,899
PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensities C/SC-FC-HVAC system SC-FC-HVAC system 1x6,3A-FC-WM (direct starting) SC-FC-HVAC system 2x6,3A-FC-WM (direct starting) SC-FC-HVAC system 3x6,3A-FC-WM (direct starting) SC-FC-HVAC system 4x6,3A-FC-WM (direct starting) SC-FC-HVAC system 4x6,3A-FC-WM (direct starting) SC-HVAC system 1x6,3A-WM (direct starting) SC-HVAC system 2x6,3A-WM (direct starting) SC-HVAC system 2x6,3A-WM (direct starting)	509275993	EUR 728 EUR 9,915 EUR 10,548 EUR 11,161 EUR 11,930 EUR 4,496 EUR 4,899 EUR 5,417
PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti SC/SC-FC-HVAC system SC-FC-HVAC system 1x6,3A-FC-WM (direct starting) SC-FC-HVAC system 2x6,3A-FC-WM (direct starting) SC-FC-HVAC system 3x6,3A-FC-WM (direct starting) SC-FC-HVAC system 4x6,3A-FC-WM (direct starting) SC-HVAC system 4x6,3A-WM (direct starting) SC-HVAC system 1x6,3A-WM (direct starting) SC-HVAC system 3x6,3A-WM (direct starting) SC-HVAC system 3x6,3A-WM (direct starting) SC-HVAC system 3x6,3A-WM (direct starting)	509275993	EUR 728 EUR 9,915 EUR 10,548 EUR 11,161 EUR 11,930 EUR 4,496 EUR 4,899 EUR 5,417
PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti SC/SC-FC-HVAC system SC-FC-HVAC system 1x6,3A-FC-WM (direct starting) SC-FC-HVAC system 2x6,3A-FC-WM (direct starting) SC-FC-HVAC system 3x6,3A-FC-WM (direct starting) SC-FC-HVAC system 4x6,3A-FC-WM (direct starting) SC-HVAC system 4x6,3A-WM (direct starting) SC-HVAC system 1x6,3A-WM (direct starting) SC-HVAC system 3x6,3A-WM (direct starting) SC-HVAC system 3x6,3A-WM (direct starting) SC-HVAC system 3x6,3A-WM (direct starting)	509275993	EUR 728: EUR 9,915 EUR 10,548 EUR 11,161 EUR 11,930 EUR 4,496 EUR 4,899 EUR 5,417 EUR 5,762
PTC thermistor tripping unit Continuous, infinitely variable control, differential pressure-sensiti SC/SC-FC-HVAC system SC-FC-HVAC system 1x6,3A-FC-WM (direct starting) SC-FC-HVAC system 2x6,3A-FC-WM (direct starting) SC-FC-HVAC system 3x6,3A-FC-WM (direct starting) SC-FC-HVAC system 4x6,3A-FC-WM (direct starting) SC-FC-HVAC system 4x6,3A-WM (direct starting) SC-HVAC system 1x6,3A-WM (direct starting) SC-HVAC system 3x6,3A-WM (direct starting) SC-HVAC system 3x6,3A-WM (direct starting) SC-HVAC system 3x6,3A-WM (direct starting) Antenna GSM/GPRS	509275993	EUR 728 EUR 9,915.



Outdoor temperature sensor Pt 100	Outdoor	temperature	sensor	Pt 100
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Outdoor temperature sensor Pt 100	2533772 EUR 159
DDG impulse selector	
DDG impulse selector	2533770 EUR 691
Communication module LON (SC)	
Communication module LON (SC)	2538243 EUR 814
C communication module BACnet	
SC-communication module BACnet MS/TP (slave)	2538242 EUR 814
Communication module GSM (SC)	
Communication module GSM (SC)	2542216 EUR 772
Pump signalling module	
Signalling module pump 1-2	2533812 EUR 535
Signalling module pump 3-6	2533836 EUR 517
SC-HVAC signal board	
SC-HVAC signal board	2119646 EUR 279
DDG (4-20mA)	
Wilo-DDG 10 Signal Trans.(4-20mA)2G VP.	2136454 EUR 1,29
Wilo-DDG 100 Signal Trans.(4-20mA)	2211740 EUR 1,29
Wilo-DDG 20 Signal Trans.(4-20mA)2G VP.	2136456 EUR 1,29
Wilo-DDG 40 Signal Trans.(4-20mA)2G VP.	2136458 EUR 1,29
Wilo-DDG 60 Signal Trans.(4-20mA)2G VP.	2136460 EUR 1,29
PTC thermistor tripping unit	
PTC thermistor tripping unit	509275993 EUR 728

Continuous, infinitely variable control, temperature-dependent SC-HVAC system

SC/SC-FC-HVAC system

SC-FC-HVAC system 1x6,3A-FC-WM (direct starting)	2545438	EUR 9,915
SC-FC-HVAC system 2x6,3A-FC-WM (direct starting)	2545439	EUR 10,548
SC-FC-HVAC system 3x6,3A-FC-WM (direct starting)	2545440	EUR 11,161
SC-FC-HVAC system 4x6,3A-FC-WM (direct starting)	2545441	EUR 11,930
SC-HVAC system 1x6,3A-WM (direct starting)	2545322	EUR 4,496
SC-HVAC system 2x6,3A-WM (direct starting)	2545323	EUR 4,899

VeroLine-IPL 80/115-2,2/2



SC-HVAC system 3x6,3A-WM (direct starting)	2545324	EUR 5,417
SC-HVAC system 4x6,3A-WM (direct starting)	2545325	EUR 5,762
Antenna GSM/GPRS		
D-network dual-band antenna with 3 m cable	2533862	EUR 213
D-network tri-band antenna 10 m cable	2533863	EUR 640
D-network tri-band antenna 15 m cable	2533864	EUR 709
Outdoor temperature sensor Pt 100		
Outdoor temperature sensor Pt 100	2533772	EUR 159
Communication module LON (SC)		
Communication module LON (SC)	2538243	EUR 814
SC communication module BACnet		
SC-communication module BACnet MS/TP (slave)	2538242	EUR 814
Communication module GSM (SC)		
Communication module GSM (SC)	2542216	EUR 772
Pump signalling module		
Signalling module pump 1-2	2533812	EUR 535
Signalling module pump 3-6	2533836	EUR 517
SC-HVAC signal board		
SC-HVAC signal board	2119646	EUR 279
PTC thermistor tripping unit		
PTC thermistor tripping unit	509275993	EUR 728



2085234 EUR 112.-

Mechanical accessories

Mounting bracket kit

Mounting bracket F 2-12 SET

Pipe installation, adapter fitting

Adapter set glanded pumps		
Adapter A80-50 Set, DN 80x50mm, PN 16	2085212	EUR 344
Adapter A80-60 SET, DN 80x60mm, PN 16	2085213	EUR 367
Adapter A80-10 Set, DN 80x10mm, PN 16	2085472	EUR 322
Intermediate flange connecting piece F		
Intermediate flange pieces F 30, DN 80x25mm, PN 10/16	110681991	EUR 116
Intermediate flange pieces F 42, DN 80x140mm, PN 10/16	2101158	EUR 740
Wall fixation/installation on a base		



Electrical accessories

Wilo-EFC		
EFC2.2 3x380-480V 50/60Hz IP55	2193434	EUR 2,774
Pump control/accessories		
Antenna GSM/GPRS		
D-network dual-band antenna with 3 m cable	2533862	EUR 213
D-network tri-band antenna 10 m cable	2533863	EUR 640
D-network tri-band antenna 15 m cable	2533864	EUR 709
SMA/FME adapter	2545548	EUR 72
BMS base module		
BMS base module	2533800	EUR 876
CC communication module BACnet		
CC-communication module BACnet MS/TP (slave)	2537050	EUR 2,468
CC-communication module BACnet IP (slave)	2537051	EUR 2,051
Communication module CC		
CC communication module	2533850	EUR 339
Communication module GSM		
GSM module	2533861	EUR 1,663
Communication module GSM (SC)		
Communication module GSM (SC)	2542216	EUR 772
Communication module LON		
Communication module LON	2533868	EUR 4,323
Communication module LON (SC)		
Communication module LON (SC)	2538243	EUR 814
Communication module ModBus		
Communication module Modbus RTU	2533869	EUR 1,027
Communication module Profibus		
Communication module Profibus DP	2533866	EUR 1,504



Connection	cable	control	modules	/signalling	modules
COIIIIECLIOII	cabic	COLLUIO	IIIUuuics	, siulialilliu	IIIUuuics

Connection cable control modules/signalling modules		
Control modules connecting cable	2533790	EUR 235
Signalling modules connecting cable	2533890	EUR 235
DDG impulse selector		
DDG impulse selector	2533770	EUR 691
Outdoor temperature sensor Pt 100		
Outdoor temperature sensor Pt 100	2533772	EUR 159
Output filter EFC (150-500 m cable length)		
7.5 A sin IP54 Wilo-EFC filter	6084561	EUR 1,991.
8 A sin IP00 Wilo-EFC filter	6084576	EUR 682
8 A sin IP20 Wilo-EFC filter	6084902	EUR 680
Pump signalling module		
Signalling module pump 1-2	2533812	EUR 535
Signalling module pump 3-6	2533836	EUR 517
SC communication module BACnet		
SC-communication module BACnet MS/TP (slave)	2538242	EUR 814
SC-HVAC signal board		
SC-HVAC signal board	2119646	EUR 279
Signal converter retrofit kit		
Signal converter 0-10 V / 0-20 mA	2534992	EUR 318
Temperature module		
Temperature module for systems with 4-6 pumps	2533771	EUR 1,085
Temperature module for systems with 1-3 pumps	2534991	EUR 1,371
Pump control/Comfort control system		
CC-HVAC system		
CC-HVAC-System 2x5.6A-T34-DOL-FC-WM	2527813	EUR 12,266.
CC-HVAC-System 3x5.6A-T34-DOL-FC-WM	2527814	EUR 12,877.
Pump control/Smart control system		
SC/SC-FC-HVAC system		
SC-HVAC system 1x6,3A-WM (direct starting)	2545322	EUR 4,496.



SC-HVAC system 2x6,3A-WM (direct starting)	2545323	EUR 4,899
SC-HVAC system 3x6,3A-WM (direct starting)	2545324	EUR 5,417
SC-HVAC system 4x6,3A-WM (direct starting)	2545325	EUR 5,762
SC-FC-HVAC system 1x6,3A-FC-WM (direct starting)	2545438	EUR 9,915
SC-FC-HVAC system 2x6,3A-FC-WM (direct starting)	2545439	EUR 10,548
SC-FC-HVAC system 3x6,3A-FC-WM (direct starting)	2545440	EUR 11,161
SC-FC-HVAC system 4x6,3A-FC-WM (direct starting)	2545441	EUR 11,930

Differential pressure detection

DDG (4-20mA)

Wilo-DDG 10 Signal Trans.(4-20mA)2G VP.	2136454	EUR 1,297
Wilo-DDG 20 Signal Trans.(4-20mA)2G VP.	2136456	EUR 1,297
Wilo-DDG 40 Signal Trans.(4-20mA)2G VP.	2136458	EUR 1,297
Wilo-DDG 60 Signal Trans.(4-20mA)2G VP.	2136460	EUR 1,297
Wilo-DDG 100 Signal Trans.(4-20mA)	2211740	EUR 1,297

Motor protection

PTC thermistor tripping unit

PTC thermistor tripping unit	509275993	EUR 728	

Surcharge for thermistor sensor (single pumps)

Surcharge for thermistor sensor <7.5 kW	KLF_7_EP	EUR 307
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Services

With Wilo as your partner, you can not only be sure of choosing high-quality product solutions, but also of benefiting from a comprehensive, worry-free package of well thought-out services. We collaborate to develop a service concept tailored to your individual needs; with our expertise and personal consultancy, we make sure that the operation of your systems is as energy-efficient, reliable and economical as possible. All the while our competent Wilo service technicians are ready to assist you with fast, reliable and on-time support.

Recommended services

WiloCare Comfort Plus

Commissioning Glanded pumps	2219391
Maintenance COMFORT Glanded pumps	2219493
More suitable services	
More suitable services Extended Warranty Glanded pumps	2219590