

JUNG PUMPEN U5K Drainage pumps

APPLICATION

The U 5 K (S) is an extremely powerful and versatile centrifugal submersible pump for both stationary and portable use. The pump is suitable for faecal-free wastewater with solids up to 10 mm particle size. Thanks to the removable strainer base, it is possible to increase the free passage to 20 mm.

Stationary in a basement chamber or a collecting tank, with an automatic switch attached, the U 5 KS handles all dirty water arising from domestic drainage sources such as washing machines, dishwashers, washstands, etc. Deposit accumulation in the reservoirs and chambers is reduced to a minimum by means of a flushing device.

The guide rail system GR 32 offers all the advantages of fast and easy maintenance. If the sump or tank runs dry temporarily, the pump can be vented by providing a drill-hole in the spiral housing.

The U 5 K can be used as a portable unit for dealing with dirty water from garden ponds, flooded cellars or discharge chambers in laundry rooms or storage rooms. Thanks to its shallow, built-in suction system, it can reduce residual water level to no more than a few millimeters.

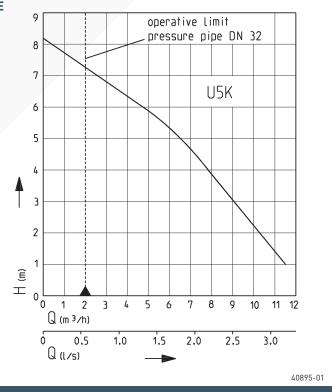
If submersible pumps are used outdoors, only a pump with 10 m cable without extension cable may be used in accordance with VDE Regulation 0100. For construction sites and garden ponds, a H07-type cable must be used.

- Continuous operation
- Low level pumping
- Flushing device
- Built-in level control
- Variable discharge branch
- Safe to run dry
- 10/20 mm free passage with EIP technology
- Swing-type check valve for portable use
- Moisture sealed cable inlet



U 5 KS with built-in level control

PERFORMANCE



We reserve the right to change specifications without notice

Pump performance is subject to ISO 9906 tolerances

The minimum flow velocity in the pressure piping must be 0.7 m/s according to EN 12056.

This data is represented in the performance curve as a limit of application.

D 125-2.1-EN-1401

JUNG PUMPEN U5K

DRAINAGE PUMPS

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Туре		Maximum Height x Width x Depth	Discharge branch	Free passage	Cable quality	Cable length	Weight approx.	Code No.	
Pump without level control (not to be utilised on construction sites, as per VDE regulations)									
U5K	without bend with bend	280 x 168 x 190 mm 280 x 168 x 250 mm	11/4"	20 mm	H05RN-F-3G0.75	10 m	4.7 kg	JP09386	
Pumps with built-in level control									
U5KS (a	acc. to VDE, not to be used	280 x 202 x 290 mm	11/4"	20 mm	H05RN-F-3G0.75	3 m	4.5 kg	JP09387	
U5KS		280 x 202 x 290 mm	11/4"	20 mm	H07RN-F-3G1.00	10 m	5.4 kg	JP09417	

PERFORMANCE

Туре	Delivery head H [m]	1	2	3	4	5	6	7
U5K	Flow rate Q [m³/h]	11.5	10.5	9	7.5	6.5	4.5	2.5

ELECTRICAL DATA

Туре	Type of	Voltage	Motor rat	ing kW	RPM	Current	Motor	Plug
	current	Volt	P ₁	P ₂	min-1	Ampere	protection	
U5K	W-Current	1/N/PE~230	0.52	0.38	2716	2.3	integrated	Safety-

Example of single pump installation with GR Single unit with built-in level control Sump area with GR 32 min. 40 x 50 cm, Ø 50 cm Sump area without GR min. 40 x 40 cm, Ø 40 cm (without ill.)

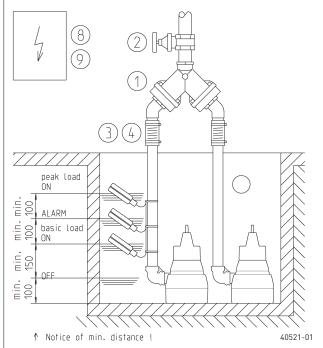
In case of installation beneath the backpressure level the pressure tube must be taken in a loop over the local backup level acc. to EN 12056. Besides, it must be secured with a EN 12050-4-proofed swing-type check valve. Besides, it must be secured with an EN 12050-4-proofed swing-type check valve. Additionally we recommend an alarm system.

Example of duplex pump installation

Duplex unit with control unit

Sump area with GR 32 min. 50×50 cm, \emptyset 60 cm (without ill.) Sump area without GR min. 45×50 cm, \emptyset 55 cm

Suspend control unit in a dry room.



In accordance with DIN EN 12056-4 Abs. 5.1, it has a built-in automatic spare pump or a double attachment included, which ensures that sewage drainage is not interrupted.

JUNG PUMPEN U5K

DRAINAGE PUMPS

ACCESSORIES

Swing-type check valve 11½" (DN 32), PN 4				Code No.	U5K	U5KS		
Duplex swing-type check valve 1\(\)^{\text{T}} (DN 40], PN 4 for duplex pump station DIN EN 12050-4 Stop valve 1\(\)^{\text{T}} (DN 32], PN 16 1\(\)^{\text{T}} (DN 32], PN 16 1\(\)^{\text{T}} (DN 40], PN 16 125 max.60 1\(\)^{\text{T}} JP44786 1\(\)^{\text{T}} (DN 32], PN 3 1\(\)^{\text{T}} (DN 32], PN 3 1\(\)^{\text{T}} D 100 42 1\(\)^{\text{P}} JP44786 1\(\)^{\text{T}} (DN 32], PN 3 1\(\)^{\text{T}} D 100 42 1\(\)^{\text{P}} JP44786 2\(\)^{\text{P}} JP44786 2\(\)^{\text{P}} JP44786 2\(\)^{\text{P}} JP44786 2\(\) JP44786 2\(\)^{\text{P}} JP44786	D B 1			JP09739	•	•		
Dro duplex pump station Dis N 12050-4 Stop valve 1½" [DN 32], PN 16 1½" [DN 40], PN 16 1½" [DN 42] P44773 • Belastic connection 1½" [DN 32], PN 3 Hose coupling 1½" [DN 32], PN 3 Hose coupling 1½" [DN 32] brass, for portable use JP00327 • Solid fire hose coupling 1½", male thread Coupling wrench Hose connection 1½" [DN 32] brass, for portable use JP0327 • Solid fire hose coupling 1½", male thread JP44780 • Coupling wrench Hose connection 1½" - 38/32/25 JP44209 • Alarm unit A63 with submersible ball contact switch, separate, mains-dependent, with potential free contact and 3 m cable Alarm unit A610 ditto, with 9.5 m cable Alarm unit A610 ditto, with 9.5 m cable Alarm unit washing machine stop AV3 with submersible ball contact switch with 3 m cable, separate, mains-dependent with with 3 m cable, separate, mains-dependent Separate level controls for single unit [see level controls for description] NE 1 with sub, ball contact switch 9.5 m JP16710 NE 1 with sub, ball contact switch 9.5 m and alarm system JP16711 NE 1A with sub, ball contact switch 9.5 m and alarm system JP16711 NE 1A with sub, ball contact switch 9.5 m and alarm system JP16711 Duplex control unit [see section on level controls for description] BD 000 Subm. switch pack B mid with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack B mid without GR ON 90 mm, OFF 40 mm) Special float assembly for narrow chambers (chamber min, 30x30 cm) Special float assembly for narrow chambers (chamber min, 30x30 cm) Special float assembly for narrow chambers (chamber min, 30x30 cm) Special float assembly for narrow chambers (chamber min, 30x30 cm) S		Duplex swing-type check valve 1½" (DN 40),						
Stop valve 1/4 (DN 40), PN 16 125 max. 60 11/4" JP44788 1/2 (DN 40), PN 16 125 max. 60 11/4" JP44773 . Hose band ctamp 11/4" (DN 32), PN 3 Hose coupling 11/4" (DN 32) brass, for portable use JP00327 Solid fire hose coupling 1 1/4", male thread JP44780 Coupling wrench Hose connection 1 1/4" - 38/32/25 JP44209 Alarm unit A63 with submersible ball contact switch, separate, mains-dependent, with potential free confact and 3 m cable Alarm unit A61 ditto, with 9.5 m cable Alarm unit A61 ditto, with 9.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit [see level controls for description] NE 1 with sub. ball contact switch 9.5 m NE 2 with sub. ball contact switch 9.5 m and alarm system JP16711 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16711 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16711 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16711 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16715 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16715 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball contact switch 9.5 m and alarm system JP16716 NE 2 A with sub. ball c	B	for duplex pump station		JP09155	•			
Blastic connection 11/4" (DN 32), PN 3 H D D DP44773	2	Stop valve 1¼" (DN 32), PN 16		JP44785	•	•		
Elastic connection 1%" (DN 32), PN 3 H D 100 42 JP44773 · · · · · · · · · · · · · · · · · ·	<u>B</u>	1½ (DN 40), PN 16	125 max. 60 1½"	JP44786	•			
Solid fire hose coupling 1 ½", male thread Coupling wrench Hose connection 1 ½" - 38/32/25 JP44209 Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential free contact and 3 m cable Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential free contact and 3 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit [see level controls for description] NE 1 with sub. ball contact switch 3.0 m JP16710 NE 2 with sub. ball contact switch 3.0 m and alarm system JP16711 NE 1A with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 9.5 m JP16711 NE 2A with sub. ball contact switch 5.5 m and alarm system JP16714 NE 2A with sub. ball contact switch 5.5 m and alarm system JP16715 Counterweight (1 piece) JP44803 Duplex control unit [see section on level controls for description] BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack Bm6 with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack Bm6 with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system JP44850 Rechargeable battery for off the line operation of the alarm system JP44850 Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Switching height without GR 0N 90 mm, 0FF 40 mm) Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 piece		Elastic connection 1¼" (DN 32), PN 3		JP44773	•	•		
Solid fire hose coupling 1 ½", male thread Coupling wrench Hose connection 1 ½" - 38/32/25 JP44209 • • Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential free contact and 3 m cable Alarm unit AG10 ditto, with 9.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit [see level controls for description] NE 1 with sub. ball contact switch 3.0 m NE 2 with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 9.5 m and alarm system JP16711 NE 1A with sub. ball contact switch 9.5 m and alarm system JP16715 Counterweight [1 piece] JP44803 Duplex control unit [see section on level controls for description] BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack B mG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system JP44850 Rechargeable battery for off the line operation of the alarm system JP44850 Pacial float assembly for low switching points [Switching height without GR ON 90 mm, OFF 195 mm JP4686 Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) JP46866 Blooder all system GR 32 JP464000 Olide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 piece	4	Hose band clamp 1¼"		JP44765	•	•		
Coupling wrench Hose connection 1 1/4" - 38/32/25 JP44209 Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential free contact and 3 m cable Alarm unit AG10 ditto, with 9.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit (see level controls for description) NE 1 with sub. ball contact switch 3,0 m NE 2 with sub. ball contact switch 9.5 m JP16710 NE 2 with sub. ball contact switch 9.5 m JP16714 NE 2A with sub. ball contact switch 9.5 m and alarm system JP16715 Counterweight [1 piece] Duplex control unit (see section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system JP16725 Special float assembly for low switching points (Switching height without GR ON 90 mm, OFF 40 mm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) JP44850 Flaot fixation for continuous pump operation JP42175 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 piece	5	6 Hose coupling 11/4" (DN 32) brass, for portable use						
Hose connection 1 ¼" - 38/32/25 Hose set, 15 m PVC hose c/w elbow JP43550 Alarm unit A63 with submersible ball contact switch, separate, mains-dependent, with potential free contact and 3 m cable Alarm unit A610 ditto, with 9.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit (see level controls for description) NE 1 with sub. ball contact switch 9.5 m NE 2 with sub. ball contact switch 9.5 m NE 1 with sub. ball contact switch 9.5 m and alarm system JP16711 NE 1A with sub. ball contact switch 9.5 m and alarm system JP16715 Counterweight (1 piece) Duplex control unit (see section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system JP44850 Pecial float assembly for low switching points [Switching heigth without GR ON 90 mm, OFF 40 mm] Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Spec	<u>a</u>			•	•			
Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential free contact and 3 m cable Alarm unit AG10 ditto, with 9.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit Isee level controls for description) NE 1 with sub. ball contact switch 3.0 m NE 2 with sub. ball contact switch 9.5 m JP16711 NE 1A with sub. ball contact switch 3.0 m and alarm system JP16714 NE 2A with sub. ball contact switch 9.5 m and alarm system JP16715 Counterweight (1 piece) Duplex control unit Isee section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system JP46850 PP46850 Rechargeable battery for low switching points [Switching height without GR ON 90 mm, OFF 40 mm) JP46856 Flaot fixation for continuous pump operation JP42175 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 piece		. •			•	•		
Alarm unit AG3 with submersible ball contact switch, separate, mains-dependent, with potential free contact and 3 m cable Alarm unit AG10 ditto, with 9.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit (see level controls for description) NE 1 with sub. ball contact switch 3.0 m NE 2 with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 9.5 m and alarm system NE 1A with sub. ball contact switch 9.5 m and alarm system Duplex control unit (see section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system Ph6725 Rechargeable battery for low switching points [Switching height without GR ON 90 mm, OFF 40 mm] Special float assembly for low switching points [Switching height without GR ON 265 mm, OFF 195 mm] Flaot fixation for continuous pump operation JP44000 Buide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 piece		Hose connection 1/4 - 38/32/25		JP442U9	•	•		
mains-dependent, with potential free contact and 3 m cable Alarm unit AG10 ditto, with 9.5 m cable Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit (see level controls for description) NE 1 with sub. ball contact switch 9.5 m NE 2 with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 3.0 m and alarm system NE 2A with sub. ball contact switch 9.5 m and alarm system Duplex control unit (see section on level controls for description) BD 00E Duplex control unit (see section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system JP16726 Rechargeable battery for off the line operation of the alarm system JP44850 Pecial float assembly for low switching points (Switching height without GR ON 90 mm, OFF 40 mm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Switching height without GR ON 265 mm, OFF 195 mm Flaot fixation for continuous pump operation JP44000 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 piece	6	6 Hose set, 15 m PVC hose c/w elbow						
Alarm unit washing machine stop AW3 with submersible ball contact switch with 3 m cable, separate, mains-dependent Separate level controls for single unit (see level controls for description) NE 1 with sub. ball contact switch 9.5 m NE 2 with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 9.5 m and alarm system NE 1A with sub. ball contact switch 9.5 m and alarm system NE 2A with sub. ball contact switch 9.5 m and alarm system Duplex control unit (see section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system JP44850 Rechargeable battery for low switching points [Switching height without GR 0N 90 mm, 0FF 40 mm] Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Switching height without GR 0N 265 mm, 0FF 195 mm Flaot fixation for continuous pump operation JP42175 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 piece	7		JP44891		•			
Switch with 3 m cable, separate, mains-dependent Separate level controls for single unit (see level controls for description) NE 1 with sub. ball contact switch 3,0 m NE 2 with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 9.5 m NE 2A with sub. ball contact switch 9.5 m and alarm system NE 2A with sub. ball contact switch 9.5 m and alarm system NE 2A with sub. ball contact switch 9.5 m and alarm system Duplex control unit (see section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system Photography of the switching points Switching height without GR 0N 90 mm, 0FF 40 mm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm)			JP44892		•			
NE 1 with sub. ball contact switch 3,0 m NE 2 with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 3.0 m and alarm system NE 2A with sub. ball contact switch 9.5 m and alarm system NE 2A with sub. ball contact switch 9.5 m and alarm system Duplex control unit (see section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system JP16726 Rechargeable battery for low switching points [Switching height without GR 0N 90 mm, 0FF 40 mm] JP44207 Special float assembly for narrow chambers (chamber min. 30x30 cm) Switching height without GR 0N 265 mm, 0FF 195 mm Flaot fixation for continuous pump operation JP42175 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 piece			JP44895	•	•			
NE 2 with sub. ball contact switch 9.5 m NE 1A with sub. ball contact switch 3.0 m and alarm system NE 2A with sub. ball contact switch 9.5 m and alarm system NE 2A with sub. ball contact switch 9.5 m and alarm system Duplex control unit (see section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system JP44850 Pacial float assembly for low switching points [Switching height without GR 0N 90 mm, 0FF 40 mm] JP44207 Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) Special float assembly for narrow chambers (chamber min. 30x30 cm) JP44850 Duplex control unit (see section on level controls for description) BD 00E Special float assembly for narrow chambers (chamber min. 30x30 cm) JP44850 Duplex control unit (see section on level controls for description) BD 00E Special float assembly for narrow chambers (chamber min. 30x30 cm) JP44850 Duplex control unit (see section on level controls for description) BD 00E Special float assembly for narrow chambers (show the fixed min. 40x10 cm) Special float assembly f	8							
NE 2A with sub. ball contact switch 9.5 m and alarm system Counterweight (1 piece) Duplex control unit (see section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system PH4850 PSecial float assembly for low switching points [Switching height without GR 0N 90 mm, 0FF 40 mm] Special float assembly for narrow chambers (chamber min. 30x30 cm) Switching height without GR 0N 265 mm, 0FF 195 mm Flaot fixation for continuous pump operation JP42175 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 piece	<u></u>			•				
Counterweight (1 piece) Duplex control unit (see section on level controls for description) BD 00E Subm. switch pack B with 3 subm. ball contact switches with 9.5 m cable and fixing device Subm. switch pack BmG with 3 subm. ball contact switches with 9.5 m cable and counterweight Rechargeable battery for off the line operation of the alarm system P44850 P44850 Rechargeable battery for low switching points [Switching height without GR ON 90 mm, OFF 40 mm] Special float assembly for narrow chambers (chamber min. 30x30 cm) [Switching height without GR ON 265 mm, OFF 195 mm] Flaot fixation for continuous pump operation JP42175 Guide rail system GR 32 Support for guide rail extension ex 2 m sump depth, per m 1 piece	160×160×125			•				
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Support for guide rail extension ex 2 m sump depth, per m 1 piece		Flaot fixation for continuous pump operation	JP42175		•			
Support for guide rail extension ex 2 m sump depth, per m 1 piece		Guide rail system GR 32		JP44000	•	•		
			depth, per m 1 piece	JP28314	•	•		

JUNG PUMPEN U5K

DRAINAGE PUMPS

TECHNICAL DATA

Pump

Vertical, single-stage, submersible, foot strainer with 10 mm free passage – detachable for activating low level pumping. With the pump base installed, free passage is 20 mm. Volute casing with 1 ¼" male radial pressure branch, EIP-technology hydraulics with open 5-blade impeller.

Bearings

Common shaft for pump and motor, mounted in ball bearings and permanently grease lubricated.

Seal

A shaft seal, which is completely secure against running dry thanks to a three-fold radial shaft seal ring and intermediate oil chamber.

Motor

Submersible motor, type of enclosure IP 68, insulation class B, motor thermostat for emergency switch-off on overheating with automatic switch-on after sufficient cooling, switched on via plug or automatic switching, moisture sealed cable inlet for protecting the pump in the event of damage to the cable, continuous operation when not submerged on account of its motor jacket cooling.

Material

Motor housing, shaft and screws in stainless steel, volute casing, impeller and control head in plastic (GRP), rubber insulated sewage resistant flexible cable.

Installation

Install pump vertically (hose connection possible); if installed permanently, provide detachable connection, e.g. the uncomplicated and easy to maintain guide rail system GR 32.

Scope of supply

Pump ready for connection acc. to EN 12050 with 90°, 11/4" female connection elbow, cable and safety plug, S model with automatic level float switch.

The pump is delivered fitted with a strainer base which can be swapped for any of the accompanying pedestols in cases where a 20 mm clear passage is required.







