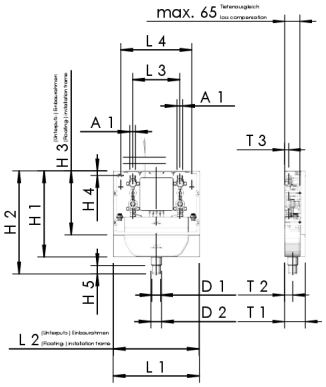
KHS Hygiene Flush Box PRO with flow sensor, double port, figure 689 03 008

KHS Hygiene Flush Box PRO with flow sensor, double port, figure 689 03 008





Product Features

- particularly suitable for buildings with special hygiene requirements
- to avoid stagnation acc. to standards and guidelines
- allows water exchange with turbulent flow in drinking water pipes up to DN 50
- double port (water exchange groups) for connection of e.g. PWC and PWH
- wetted metal parts made from dezincification-free and corrosion-resistant gunmetal, resistant to aggressive water, stainless steel and drinking water-approved plastics
- for installation in all installation situations (flush or surface mounted)
- for installation in dry- or prewall installation systems
- compact installation dimensions
- fast assembly using a drilling template
- mounting frame (incl. depth adjustment) and fastening parts
- reversible cover with magnetic push-to-open function and safety catch
- large service opening
- male union thread
- with isolating function for maintenance
- Solenoid valve with integrated fine screen
- Flow and temperature sensor (Pt1000) to record flushing volumes
- Flow = 10l/min (5l/min or 15l/min with optional accessories
- factory-installed flushing set for commissioning
- tool-free maintenance of all functional components
- integrated overflow monitoring
- integrated anti-siphon trap (> 45 l/min) with removable cap
- Free drain in accordance with DIN EN 1717
- Water trap height 50mm in accordance with DIN 1986-100
- nominal width of drainpipe (DN 40 and DN 50)
- PRO control unit
- operation via WLAN (can be switched off) using the latest Access Point Technology
- seven timers for customised flushing strategy
- Interval, time and volume based flushing
- Temperature and use based flushing (only possible with additional temperature sensor Pt1000)
- digital commissioning and maintenance assistant
- analysis and log readout via WLAN and USB
- visualised flushing history
- connection to KHS Mini Control-System possible
- up to 100,000 event entries to verify use as intended
- networking of up to 30 Hygiene Flush Boxes possible
- potential-free fault-message contact
- incorporation into BMS (BACnet & Modbus) via KEMPER Hygiene System KHS
- BMS interface via digital i/o
- automatic detection and checking of all functional components
- average-temperature recording with optional accessory (KHS temperature sensor Pt1000)
- buzzer for fault messages (with three volume levels)
- LED status display
- without exception, external connections are always fixed connections in the housing (no external connection boxes necessary)
- controller pre-installed in housing (cable length: 5m)
- maintenance and commissioning of the system on request

Standards and Approvals

- DVGW approval
- SVGW approval
- WRAS approval
- KIWA approval
- BELGAQUA approval
- according to accepted materials list from German environmental agency
- soundproofing certification according to DIN EN ISO 3822 Class 1 (up to 30 l/min)

Technical Data

- pressure rating PN 10
- protection class IP44
- power supply 230 V AC
- electrical power input 4.5 W
- power consumption in standby 3.9 W

part no.	DN	A1	D1 (mm)	D2 (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	H5 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	T1 (mm)	T2 (mm)
6890300800	15	G 3/4	40	50	400	480	297	21,8	40	400	398	219	330	97	38,25

part no.	T3 (mm)	max. flow pressure (MPa)	minimum flow pressure (MPa)	kg
6890300800	19,7	0,7	0,1	8,540

accessory

KHS temperature sensor Pt 1000, figure 628 0G

Aerator set for KHS Hygiene Flush Box PRO, PURE and LITE, figure 689 04 019

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