



burkert
FLUID CONTROL SYSTEMS

Customer information Type 8605

Generational transition of standard control electronics for proportional valves Type 8605

A revised generation of proven control electronics has been available for proportional valves Type 8605 since July 2018. The predecessor model has been directly replaced by the new generation.

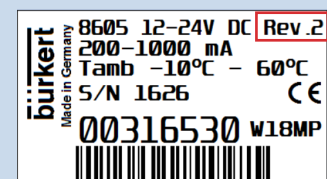
The new, powerful electronics results in the following changes:

1. The option "RS485 interface" has been omitted without replacement.
2. A variant with CAN-based büS interface extends the range and will be available from the end of 2018. These devices are integrated into büS networks and can be operated with the Bürkert Communicator.

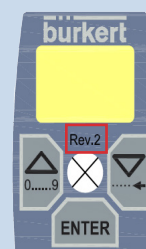
When ordering devices Type "8605 without operating unit" and "8605 individual operating unit", please note the following:

- The operating unit of the 2nd generation (new) does not match the control unit of the 1st generation (old). Old control units cannot be parameterised with a new operating unit.
- The operating unit of the 1st generation (old) does not match the control unit of the 2nd generation (new). When purchasing a Type 8605 control unit without an operating unit, it cannot be parameterised with an old operating unit.
- The Type 8605 devices of the 1st generation will be available as spare parts for a limited period.

The technical data and compatibility with the proportional valves remain unchanged.



The type labels of all the devices of the 2nd generation are labelled with "Rev. 2".



The front film of the operating unit of the 2nd generation is labelled with "Rev. 2".

Please find further information in the following table:

Type 8605 variant (without customer-specific variants)	Max. coil current range (mA)	Order no. 1st generation (old version)	Order no. 2nd generation (new version)
Cable plug with PG fitting with operating unit	200 - 1,000	178 354	316 530
Cable plug with M12 connection with operating unit	200 - 1,000	178 355	316 528
Cable plug with PG fitting with operating unit	500 - 2,000	178 356	316 529
Cable plug with M12 connection with operating unit	500 - 2,000	178 357	316 526
Standard rail (with integrated display)	40 - 220	178 362	316 531
Standard rail (with integrated display)	200 - 1,000	178 363	316 532
Standard rail (with integrated display)	500 - 2,000	178 364	316 533
Cable plug with PG fitting without operating unit	200 - 1,000	178 358	316 521
Cable plug with M12 connection without operating unit	200 - 1,000	178 359	316 522
Cable plug with PG fitting without operating unit	500 - 2,000	178 360	316 523
Cable plug with M12 connection without operating unit	500 - 2,000	178 361	316 525
Operating unit for Type 8605 cable plug		667 839	582 878
RS232 or RS485 module for Type 8605		667 840 to 667 843	no successor version
büS module for Type 8605 with MZ12 connection (cable plug with büS connection)	200 - 1,000 500 - 2,000	no predecessor version	from 4th quarter 2018

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For further information on the topic, see:
[Type 8605](#)

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