

SCHIEBEL

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actuators  
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**firmware  
1.600**

**Customer experience  
at it's best.**

# firmware 1.600



## Customized user interface

- Up to 8 customer-specific user levels
- User relevant permissions– from read-only permission for selected data all the way to extensive permission to set parameters
- Prevention of unintended actions
- Protection from making accidental operating errors
- Change of menu style by each user

## Extended history function

- 500 history function entries - five times more than in the previous version
- Detailed information on backups, password changes, parameter changes, deletion of history saved together for each user profile
- New level of user flexibility in respect to error and warning messages.
- Error message forwarding immediately to the SMARTTOOL software with automatic assistance in locating and remedying the error.

## Increase on asset and troubleshooting performance

- 16 additional warnings for feedback to binary outputs
- Different warnings and failures can be logically grouped together and used as binary output signals
- Input signals can be logically grouped together like a 2 out of 2 voter to increase system performance
- SMARTTOOL, the tool for remote maintenance and asset history and advanced troubleshooting
- Full remote access to all parameters (read/write) through bus communication such as Ethernet IP, Modbus TCP, Modbus RTU, Profinet and Profibus.

## Expanded back up options

- 4 new different backup options
- Individual set up of backup requirements
- Consistent strategy of user levels for a backup into the functions “Save” and “Restore.” Depicted in the following variants: Factory, Workshop, Service, and Customer.

## Invertible LCD display

- The absolute novelty in the industry – the dark display
- Easier to read in direct sunlight
- Reorganized and expanded display of the graphic user interface,

## Separated remote operating unit

- Ideal for actuators installed in hard-to-access areas below the ground
- Introduced in connection with the new Firmware 1.600
- Operating unit provides full access and visualization capabilities on the actuator, a feature not previously available in this scope.
- Consistency on user level strategy on additional remote control unit as well as full access to all parameters