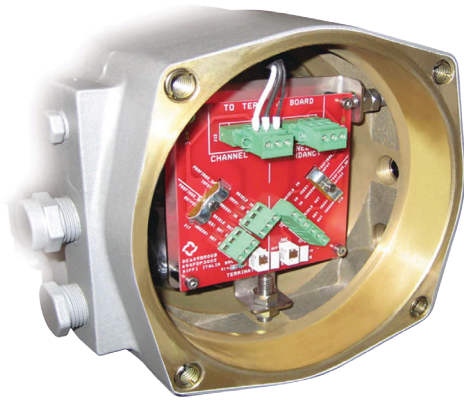




Intelligently and reliably
control your process

Biffi™ ICON3000™
Intelligent and reliable multi-turn electric actuator





In the communication era, BIFFI philosophy of continuous product innovation has led to the engineering and development of new advanced solutions in order to offer easy communication tools to on-field users and control rooms and with the possibility of downloading all the process information and diagnostic data.

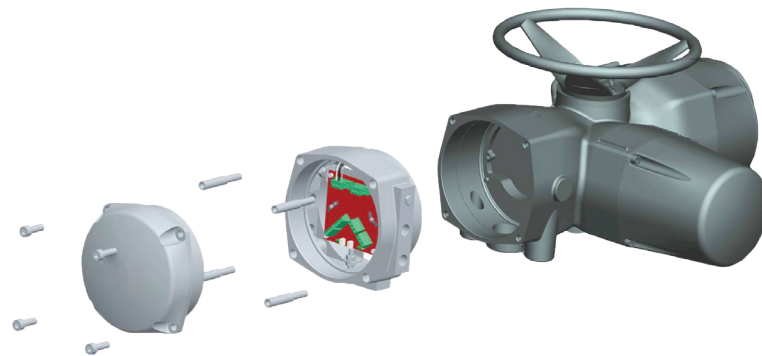
The consolidated technical solutions developed are taken from the Customer feedback and needs and are implemented in the advanced technical solution introduced in Biffi electric actuators product range.

ICON3000 allows to introduce a new philosophy in electric actuators creation of electronic boards with all the main options functions integrated in the basic board and with easy insertion of the most advanced improvements.

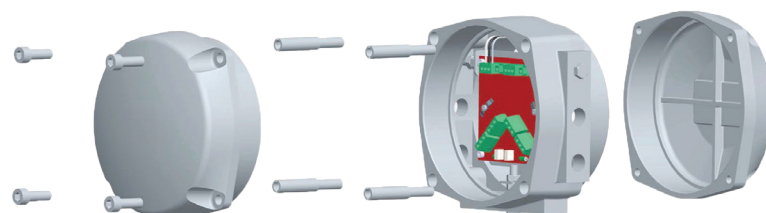
Biffi long term experience and application with electric actuators with Profibus network connection has generated the Profibus Removable Connection as a result of an additional product improvement.



Disassembly of the actuator from the valve and removal of the Profibus connection



Guarantee of in-field Profibus loop continuity by maintaining, the requested protection degree





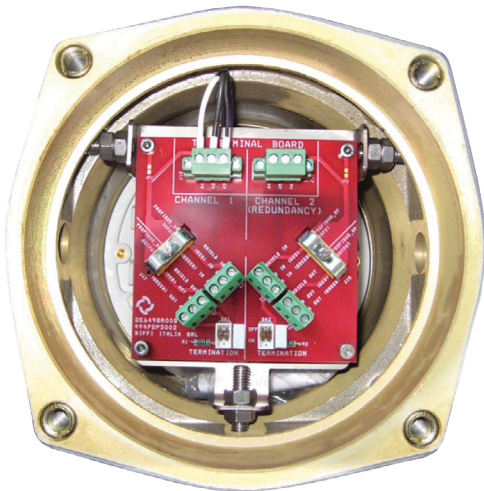
Profibus Removable Connection

Biffi Profibus Removable Connection offers the possibility to easily dismantling the actuator from the valve and keeping the Profibus loop continuity. The system provides a quick and easy bus termination with the possibility of having zero stub length. The design is obtained by means of an additional mechanical ring which integrates the system. The solution can be provided on new operators or can be easily retrofit on actuators already installed in the field.

Biffi Profibus Removable Connection is a terminal module that simplify the connection of BIFFI electrical actuator ICON3000 to a PROFIBUS DP network. It accepts the standard Profibus DP cable and allows connecting and disconnecting the actuator from the bus segment without bump in the Profibus DP communication.

The new mechanical ring guarantees the IP68 protection degree and it is also available for hazardous areas on request.

The module with the mechanical ring includes also 6 additional M20 conduit entries to accommodate separate IN and OUT cables for both single and dual channel installations.



Benefits

- Costs reduction due to the removal for costly additional devices such as junction boxes and terminators
- IP68 protection degree
- Hazardous area version available on demand
- “Bumpless” actuator isolation
- Zero internal stub length on demand
- Single or redundant Profibus communication available
- Switchable line termination
- Easily and quick actuator removal with benefits on maintenance and repairing jobs



Biffi is a reliable partner for complete actuation solutions



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Biffi reserves the right to change product designs and specifications without notice.



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