

exakta

A Division of SEKO Group



Aktua 10

Electric control actuator

Aktua 10 Features

Direct drive knob

In cases of emergency, the stroke local control feature allows manual adjustments to swiftly bring the actuator back within the operator's range.

Brightful OLED Display

A user-friendly OLED display that shows a multitude of features and alarms simultaneously, as well as vivid colors and low power consumption.

Brushless motor control

With its enhanced motor torque, brushless motor control ensures outstanding performance, while accurately adjusting the position of the actuator. Speed optimization reduces the adjustment times on a wide range of Nexa, guaranteeing efficient operation.

Absolute endcoder

Absolute encoder ensures maximum precision and control, as well as granting the flexibility to select turns range without limits.

Versatile Power Options

The actuator provides power supply options to suit every need. Single-phase (230V) or direct current (24V) are available for seamless integration into every setup.



AKTUA series controls have been studied for the specific application on Exakta dosing pumps, designed to replace the manual flow rate control with an automatic and remote system acting on the stroke length.

Exakta's cutting-edge electrical actuator represents the latest advancement in technology to automatically regulate pump flow rate, offering unparalleled precision and exceptional flexibility. This innovative solution incorporates highly precise digital control, allowing for exceptionally fine adjustments.

Features:

- 4 – 20 mA signal and feedback
- 24 VDC or 230 VAC applicable power supply
- 50 Hz or 60 Hz optional frequency
- Absolute encoder
- HART® communication protocol
- Direct drive knob
- IP66 ingress protection
- ATEX compliance



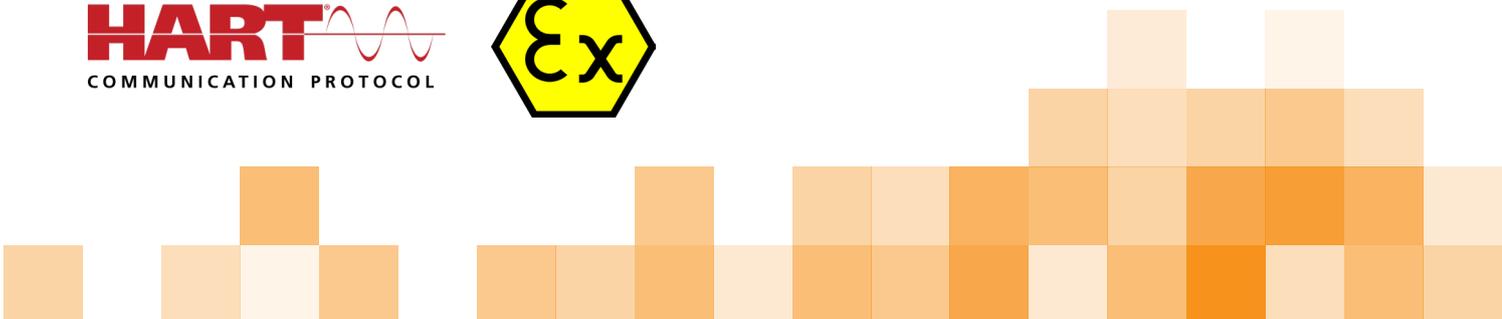
Designed in aluminum to meet ATEX / IECEx Ex db IIBT6 or IICT6 compliances.

Aktua 10 offers a 24 V power supply option, making it suitable for integration into low-voltage setups such as solar panel-driven facilities and deployable on pumps operating through photovoltaic systems.

Enhancing Aktua 10 first-class design, the HART® communication protocol, with its unique blend of analog and digital communication, seamlessly connects the actuator with various control systems, granting unparalleled compatibility across a wide range of applications.

By enabling efficient two-way communication, HART® empowers the actuator to not only transmit essential process variables but also receive commands and configuration changes, a feature that proves particularly advantageous in remote or hazardous locations.

HART[®]
COMMUNICATION PROTOCOL





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