

Control Box

LRS1

CIS1 is designed for use of industrial application. It can drive 2 actuators synchronously and work with reed sensor or single Hall effect sensor.



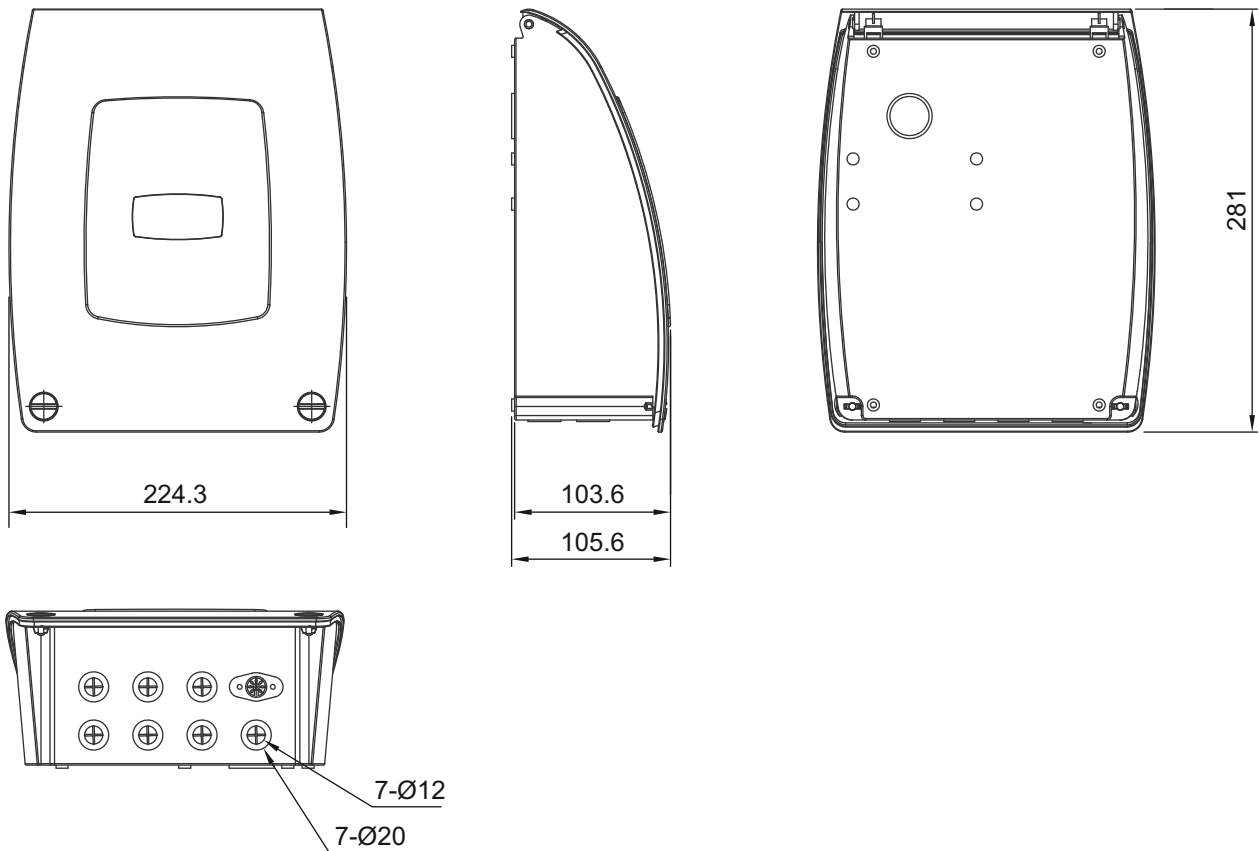
Feature

- Main applications: Industrial automation
- Input voltage: 24V DC
- Output voltage: 24V DC
- Max. number of actuators: 2 channels
- Max. current: 7.5A per channel
- Synchronization for 2 actuators
- Work with reed sensor or single Hall effect sensor
- Memory function
- Duty cycle: 10%, max. 2 min. continuous operation in 20 min.
- Color: Pantone 431C

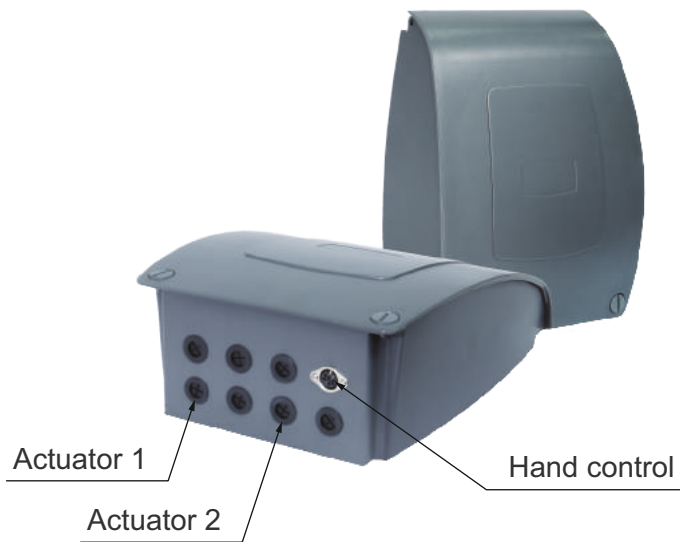
Compatibility

Product	Model	Compatible requirement
Actuator	Rm10, RM10S	- Positioning feedback with reed sensor or single Hall effect sensor
Hand control	QV6R	- Modico P2 control category - 7-pin with Modico F-type DIN plug

Dimensions

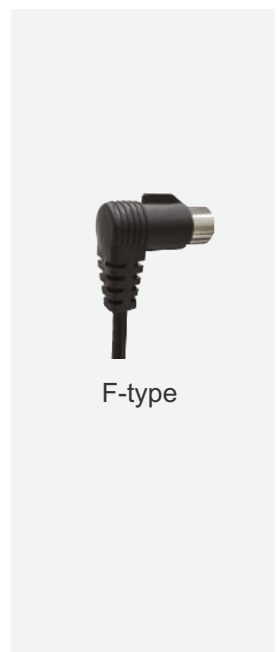
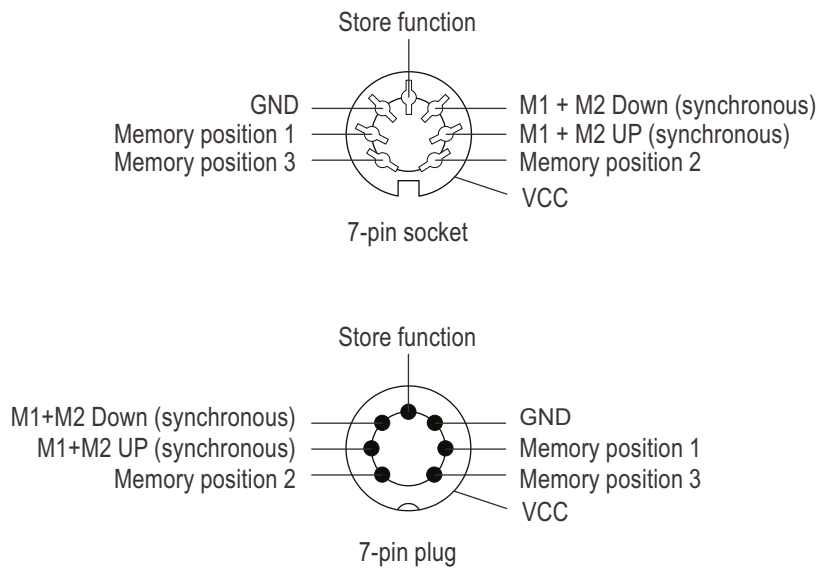


I/O Introduction



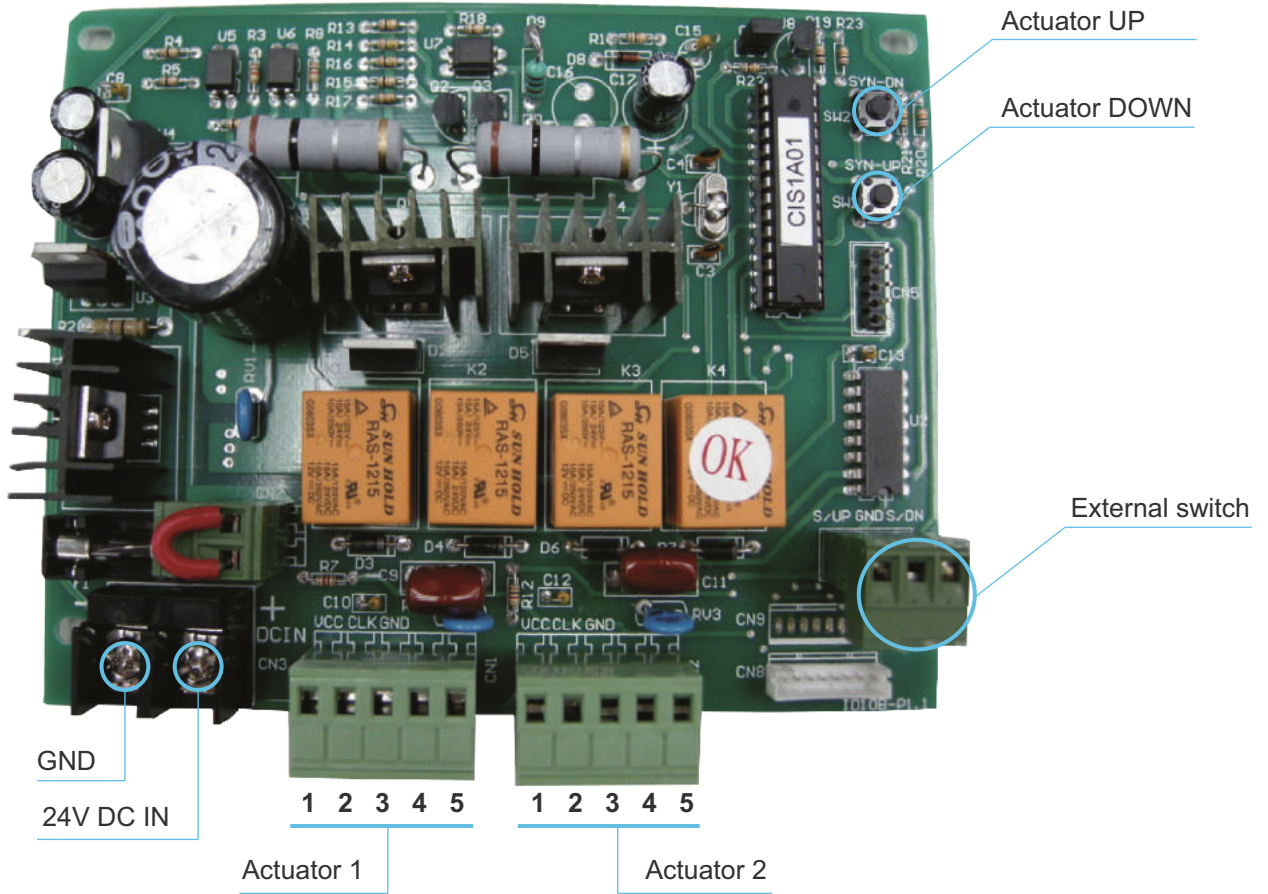
Socket

Hand control socket for Modico F-type DIN plug - 2 drives model



Connection Diagram

PCBA



Actuator

- Reed sensor application

Pin	Signal			Power	
	1	2	3	4	5
Definition	N/A	Data	GND	M-	M+



- Single Hall effect sensor application

Pin	Signal			Power	
	1	2	3	4	5
Definition	VCC	Data	GND	M-	M+

Hand Control Operation Guide










> QV6R

▶ System learning through QV6R hand control:

Press  and  at the same time until the actuators start to move.
The learning is done after both actuators move to the fully retracted position.



▶ Function:

- ① Extend  both actuators synchronously.
- ② Retract  both actuators synchronously.
- ③ Press button  until LED indicator flashes slowly, and press button  ,  or  to store the needed position. The LED will flash quickly to confirm the positions is stored.
- ④ Drive both actuators toward the stored position  .
- ⑤ Drive both actuators toward the stored position  .
- ⑥ Drive both actuators toward the stored position  .

Ordering Key

LRS1 - 24 - 24 - 2

Input voltage	24: 24V DC
Output voltage	24: 24V DC
Number of actuator	2: 2 channels