Troubleshooting guide

For Quick-Lift Arm, Quick-Lift Rail and Quick-Lift Driven with Quick-Lift handle and control unit

TYPE OF ERROR	PROBABLE CAUSE	ACTION 1	ACTION 2
The swivel does not rotate freely	The swivel was damaged due to excessive mechanical shock.	The swivel must be replaced. Please contact your local distributor or nearest Binar Quick-Lift office.	
The cable protection was bent.	A) The handle hit something and dented the swivel. This can happen when the operator lets the handle or gripper swing into something. B) The swivel got stuck under a fixed object.	Replace the cable protection. Please contact your local distributor or nearest Binar Quick-Lift office. Inspect the cable connector – if damaged, have it replaced	Working methods need to be changed
The inner arm moves	The inner axle is tilted.	Measure the angle of inclination between innerarm and horizontal surface with an unloaded gripper. Use a digital inclinometer. The inclination angle should be adjusted so that all three of four directions are equal – Max. 0,1° tolerance is permitted.	Slightly adjust the inner arm friction brake
The outer arm moves	he working area is either too close or too far from the pillar.	Make sure that the inner arm is set up as described above.	A) Set up working area as recommended in the documentation. B) Slightly adjust the friction brakes on the outer arm
The handle or control unit moves upwards while the upper right LED light (yellow) is off.	A) The handle sensor is not calibrated. B) The parameter ID 257 "Min. tension in wire" is set higher than the weight of the unloaded gripper.	A) Connect a computer with iLab 2 installed, and calibrate the handle sensor. Then shut off the power supply (230v) for a minimum of 10 seconds. B) Set the parameter ID 257 "min. tension in wire" to proper value of 70% of the unloaded gripper weight. This is done via iLab2.	
The wire suspended handle or load cell box moves downwards while the upper right LED is black.	The handle signal is not calibrated.	Connect a computer with iLab 2 installed and calibrate the handle signal. Then shut off the power suply (230 v) for minimum 10 seconds.	
The wire suspended handle or load cell box moves upwards while the upper right LED is constantly lit yellow.	The aoutobalance has balanced out on the wrong weight.	Avoid putting extra weight on the gripper while it measures the autobalance weight. A common problem is that operators puts the weight of ther hands on the gripper.	Shut off the auto balance function by pressing the upper right button for two seconds or shutting it off via iLab by setting parameter ID 122 "Allow autobalance" to "False".

If this guide did not help you, please contact your local distributor or nearest Binar Quick-Lift office for further assistance

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