

Force Signals on a Robot Plug

The following guide will explain how to force a signal on the robot plug. This could be used to boot a robot without being plugged into the Injection Molding Machine. This can be used in conjunction with 1002 CanOpen error guide in order to make the determination if an issue is on the machine side or the robot side.

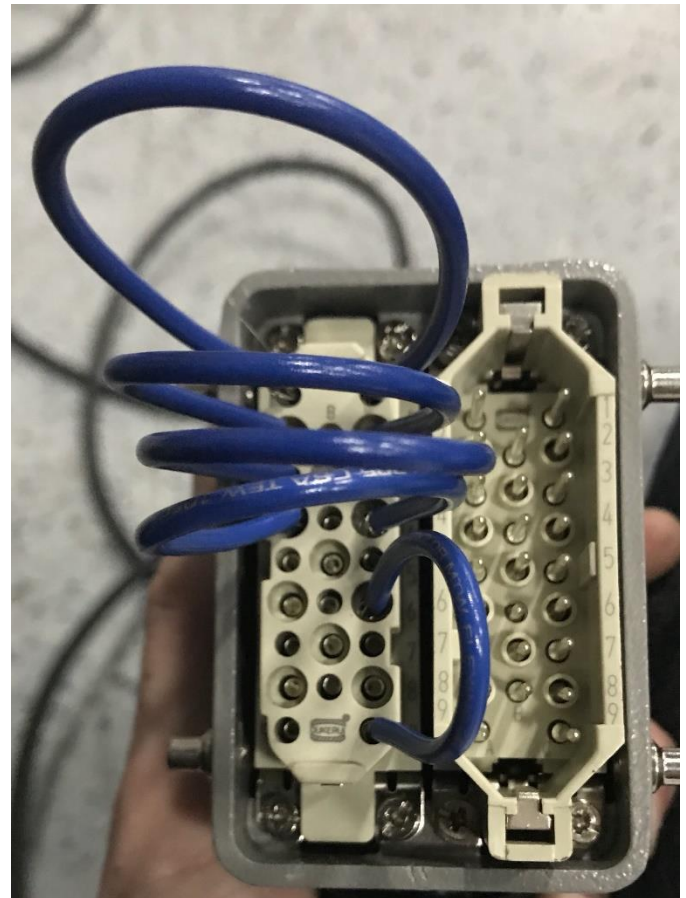
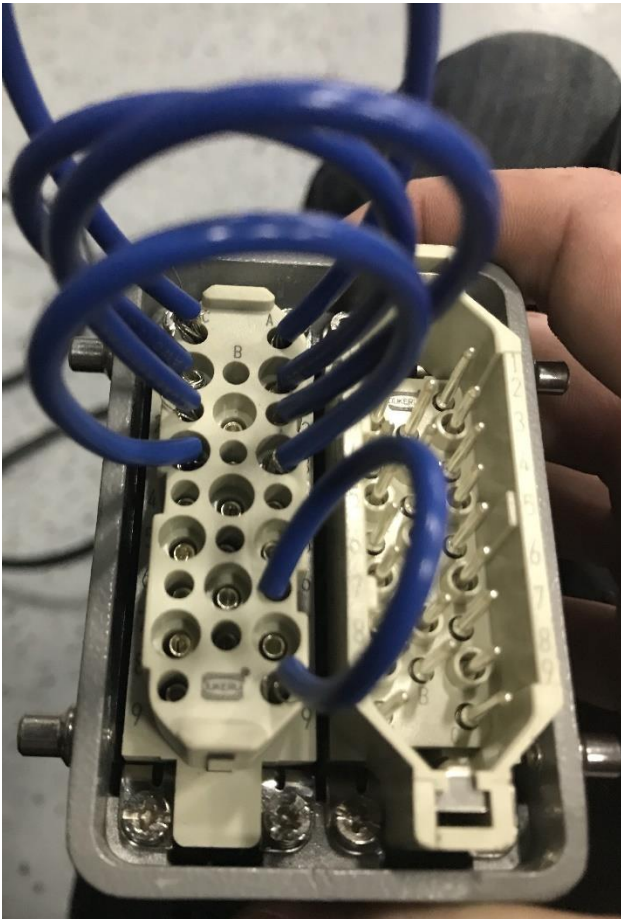
Euromap 67 Plug:

Mold Opened

- ZA1&ZC1: E-stop 1
- ZA2&ZC2: E-stop 2
- ZA3&ZC3: Movable Gate Close 1
- ZA4&ZC4: Movable Gate Close 2
- ZA7&ZA9: Mold Open & 0V common

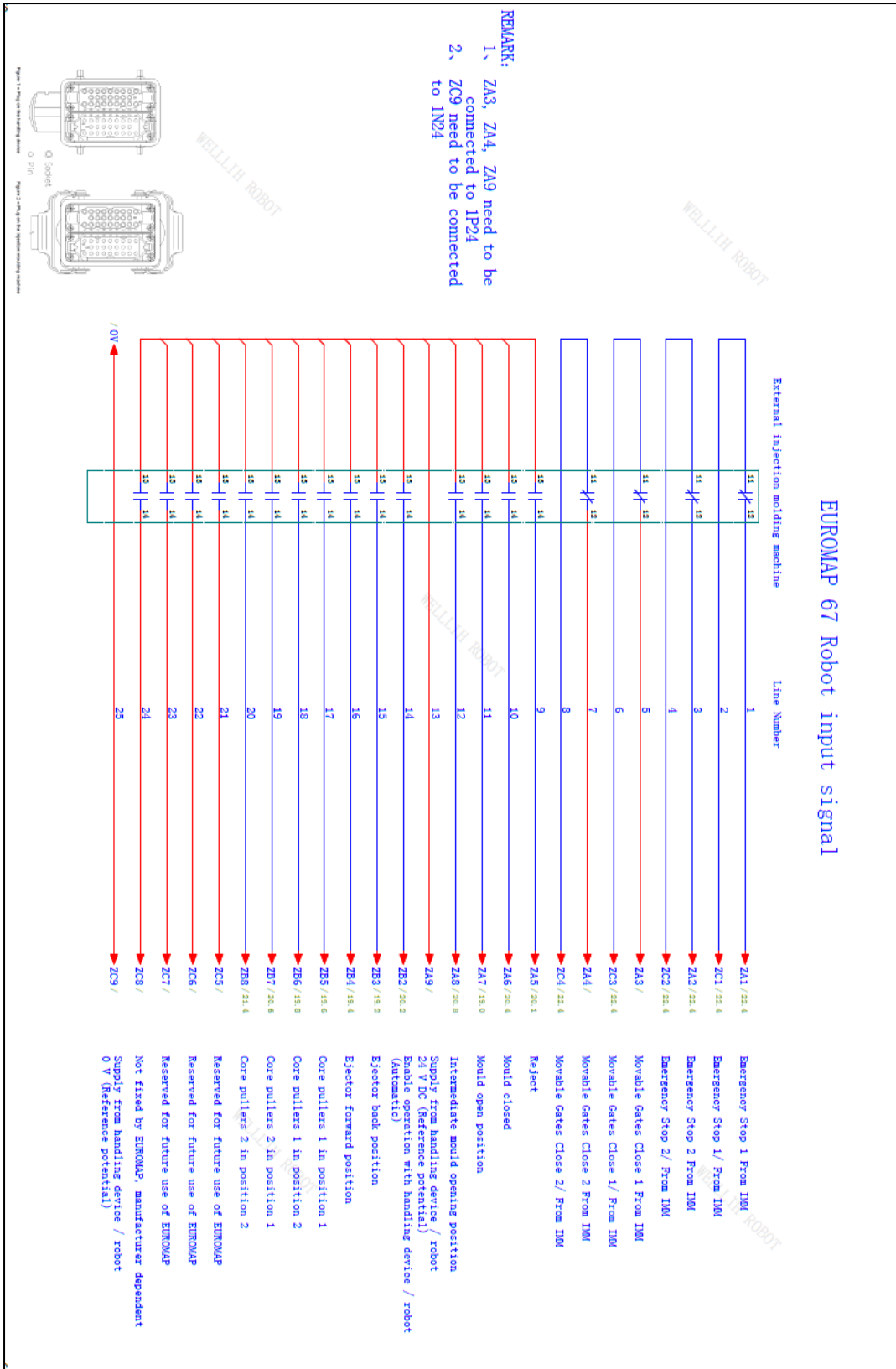
Mold Closed

- ZA1&ZC1: E-stop 1
- ZA2&ZC2: E-stop 2
- ZA3&ZC3: Movable Gate Close 1
- ZA4&ZC4: Movable Gate Close 2
- ZA6&ZA9: Mold Open & 0V common

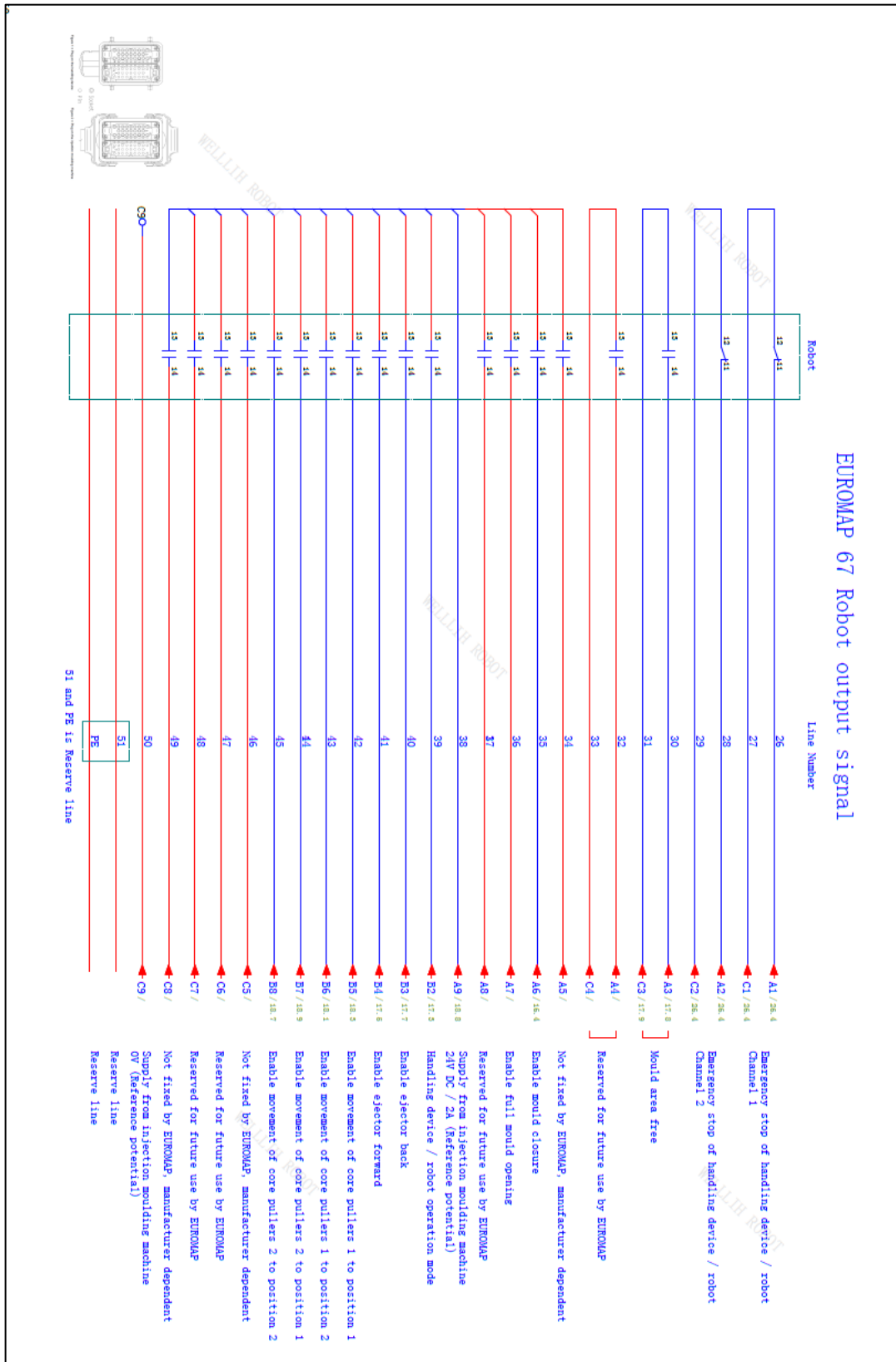


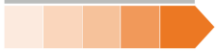
Force Signal on a Robot Plug

Euromap 67 Inputs:



Euromap 67 Outputs:





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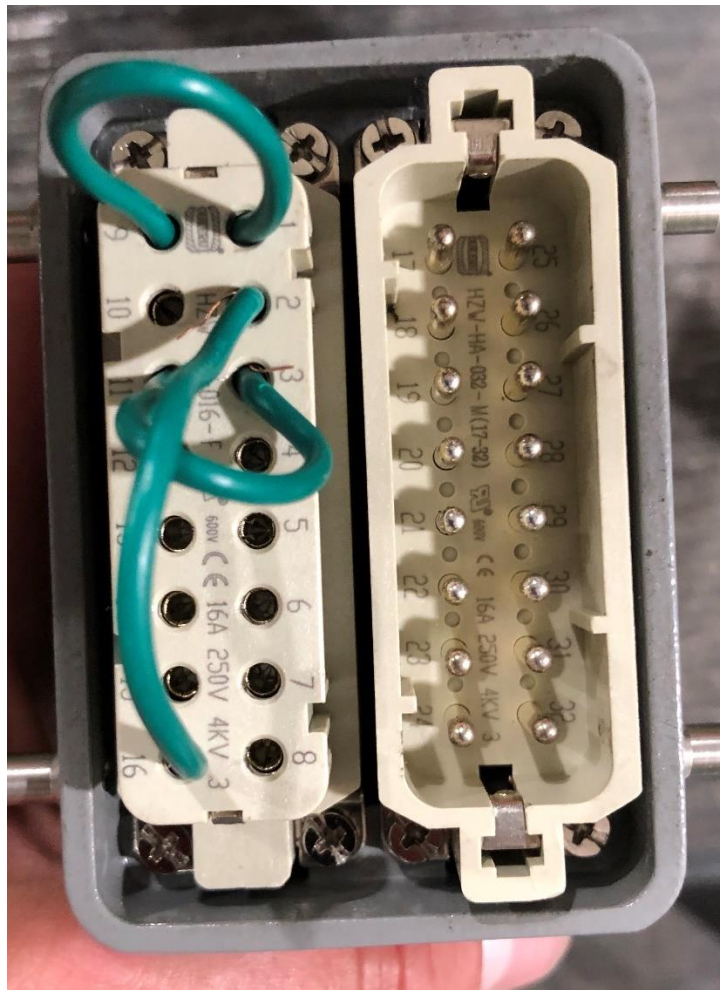
Euromap 12 Plug

Mold Opened

1&9: E-stops 1 & 2

3&11: Movable Gate Close 1 & Close 2

2&16: Mold Open & 0V common



Mold Closed

1&9: E-stops 1 & 2

3&11: Movable Gate Close 1 & Close 2

12&16: Mold Closed & 0V common

